

A PRELIMINARY LIST OF THE INSECT FAUNA OF COIMBATORE.

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INTRODUCTION.

The Government Agricultural Station, Coimbatore with the only Agricultural Research Institute of the Province situated within its precincts has been a very important insect collecting ground for over two decades; it has been particularly so ever since the starting of the College in the year 1908. From within its boundaries and from fields and gardens in its vicinity, a large number of insects has been collected. Though this large accumulation of insects in the institute is not representative of the insect fauna of the Coimbatore area alone, since it includes several lots of insects collected by the Entomological staff from different parts of the Province for the past many years, the central agricultural station with the Agricultural College campus has been the one tract where intensive collections have been going on for a very long time.

While it cannot be denied that such a representative collection of South Indian insects will be of great use in its own way for future workers on Indian Entomology, it must be admitted that the usefulness of such a collection will be considerably enhanced, if, side by side with it, there exists a properly classified and correctly identified list of at least some of the more important and commoner forms included in this vast collection. As one connected with the college ever since its inception in 1908 and having made his humble contributions towards the formation of this collection, it has been the author's idea for sometime past to do something in

this direction. Though he has published a few All-India lists of a few insect groups in which he has been specialising, no faunal lists of special local tracts have been attempted till now. It is now found that there is a real need for such a list especially from the point of view of students and the young recruits to the Entomological section who have to be constantly helped in the identification of the common local insects - not to speak of the officers of the Agricultural Department or other naturalists who may be interested in local insects. As teachers, the authors have felt the need for such a list all the more since almost every day they have to answer the queries of students regarding various insects collected by them during their field excursions. With these views the idea of preparing an annotated list of the local insects was conceived about three years ago and this paper is an attempt to present an annotated list of the insect fauna of the Coimbatore area so far known, which, in spite of its various shortcomings, may form a nucleus for further and more substantial work in this direction. It is generally accepted by Entomologists all over the world that "materials and data accumulated in faunistic studies are of great value in teaching" and since some of us~~are~~ are engaged not only with the work of investigation of economic forms but also with the more essential duty of teaching, such local lists will be extremely useful. For, in teaching, we can utilise the ~~2~~data, records and materials from such lists to help in opening the eyes, minds and conceptions, the imagination and understandings of the budding Entomologists"; this rich heritage of information which we have to pass on to them, has come from the systematic entomologist.

7 The list includes all the forms so far identified in the different families of ~~in~~ ^{some}

found in the area. It has absolutely no pretensions to be complete, for, not only has it not been possible to get all the insect collections properly identified but a good many more insects, especially of the smaller groups inhabiting the tract await discovery and determination. As a first attempt in this line numerous shortcomings are inevitable; as already stated, however, the list is intended just to be a nucleus and if possible to serve as a stimulus to further study on the part of future faunists who might gradually fill up the lacunae ~~AND~~ and make the list up to date as years pass. If it serves that purpose the authors will feel thoroughly satisfied.

THE COIMBATORE TRACT: The Agricultural Research Institute, Coimbatore, is situated on a raised plateau with an elevation of 1400 feet on the eastern side of the Western Ghats about 6 to 10 miles from the foot hills and spurs of the Vellingiri range. The well-known Palghat gap is situated towards the south-west of this area but is separated by a low range of spurs from the Western Ghats. Towards the north and north-east the country is undulating and after gradually inclining to the Bhavani valley, about 22 miles distant, suddenly rises into the overlapping ranges of the Nilgiris which go up to an altitude of six to eight thousand feet. The town of Coimbatore lies about two miles to the east of the Institute, and from Coimbatore the country slopes gradually towards the Cauvery and the Amravari valleys on the east and south-east. The tract is thus a border area connecting the narrow coastal plains of Malabar on the west, the gradually rising plateau of the Nilgiris and the Deccan on the north and north-east, and the undulating plains of the Salem, Trichinopoly and Madura in the north-east, east and south-east. The fauna of this area, therefore, is likely to include some

some interesting representatives of these different areas, those of the Coast, of the Hills and of the Eastern plains; and as such must present some considerable interest from an ecological point of view. The average annual rainfall of the tract ranges from 20--25 inches, the greater portion of the rain being received during the north-east monsoon during the months - October to January. The climate of the place is comparatively better than many towns in the plains, and the average mean temperature ranges between 80° and 96°, the atmosphere is generally dry for the greater part of the year.

The area in which the collection of the insects in the following ~~ins~~ lists has been made lies for the most part within a radius of not more than 25 miles around the Coimbatore Agricultural Station.

The authors are greatly indebted to the various/specialists in India and abroad who have helped to get many of the insects in the list identified, and their thanks are especially due to the Imperial Institute of Entomology, London, in this direction.

C O L E O P T E R A

Family CICINDELIDAE

COLLYRIS

C.(Neocollyris) distincta, Chaud.

EURYODA

E.paradoxa, Horn. (= Prothyma belloides, Horn.)

CICINDELA

C.crassipalpis, Horn.

C.rugosiceps, Chd. a shining blue form with brown stripes
on the Elytra

C.chlorida, Chaud. A bright green species

C.spinolae, Gestro.

C.fastidiosa, Dej.

C.undulata, Dej.

C.sumatrensis, Hbst. a very common form with zigzag pale
wavy marks on Elytra

C.sexpunctata, L. the six spotted tiger beetle predator
on the Rice bug - but rare in
Chimbatore.

C.shiva, Par.

C.calligramma, Sch. a fairly common species in the tract.

C.histrion, Jschit.

-do-

C.cancellata, Dej.

-do-

C.catena, F.

-do-

Family CARABIDAE.

CALOSOMA.

C.orientale, Hope.
C.sp.near beelsoni, Andr.

CLAVINA

C.sp. comes to light

SCARITES

S.indicus, Oliv.
S.mancus, Bon.
S.sp.

EUDEMA

E.augulatum, F. a common yellow spotted ground beetle
found under stones in damp places -
nocturnal in habits.

CHALLEIDA

C. sp.

OMPHRA

O.pilosa, Klug.
O.hirta, F.

OPHIONEA

✓ O.indica, Thumb. an ant like creature, red and blue -
occasionally found on cereals - green
gram, grass, etc.
✓ O.cyanocephala, F. noted on paddy.

MACROCHILUS

M.bensoni, Ho.

CHLAENIUS

C.bimaculatus, Dej. comes to light - all beetles of this
genus are shining beetles - called
Bombardier beetles.

C.nilgricus, Andr.
C.lafertei, Guer.
C.pictus, Chand.
C.hamifer, Chaud.
C.quadricolor, Oliv.
C.bioculatus, Chaud.
C.marginatus, Dej.

comes to light.

ANTHIA

A.sexguttata, Fab. the big six spotted ground beetle has
a very wide distribution in the
province.

RHEMBUS

R.retineus, Wlk.

ORTHOGONIUS

O.schaumi, C. a reddish brown species feeding on
termites.

PHEROPSOPHUS

P.lineifrons, Chd.
P.hilaris; F.
P.bimaculatus, L.
P.lissoderus, Chand.

CYCLOSOMUS

C.flexuosus, F.

OXYLOBUS

O.costatus, Chand.
O.lateralis, Dej.

SUPERCA

S.laevigata, F. smooth dark shining ground beetles.

BRACHYNUS

B.sexmaculatus, Dej. comes to light.

TETRAGONODERUS

T.quadrinotatus.

IDIOMORPHUS

I.guerini, Chand.

SIOGONA

S.depressa, F = europaea, Dej.
S.flesus, F.
S.sp.

DIORYCHE

D.chinnada, Andr.
D.colombensis, Nietuer.

EGAPLOA

E.crenulata, Dej.

PARENA

P.laticincta, Bates. / Predator on Nepantis on coconut leaf, Chowghat.

CASNOIDEA

C.indica, Thun. from coconut leaves, Chowghat.

Family DYTISCIDAE

LAECOPHILUS

L.sp. ✓ a red and black small water beetle.

HYDATICUS

✓ H.vittatus, F. ✓ a common water beetle - comes to light.

SANDRACOTTUS

S.festivus, Ill.

✓ CYBISTER

✓ C.tripunctatus, Ol. var. asiaticus, Shp.
a stout black water beetle - comes to light.

C.limbatus, F.

ERETES

E.(Eunectes) sticticus, L.

Family GYRINIDAE

DINEUTES

D.indicus, Aube. common whirligig with long front legs.

Family PAUSSIDAE

MERISMODERMUS

M.bensoni, Westw.

PAUSSUS

P.nauceras, Beus. a small reddish beetle found on the ground.

P.seriesetosus, Was. -do-

Family STAPHYLINIDAE

PAEDERUS

P.variicornis, Ful.

P.fuscipes, Gurt a small blue and red beetle found at lights

STAPHYLINUS

S.sp. noted in night soil trenches.

ZYRAS

Z.sp.

OLIGOTA

✓ O.sp.(flaviceps) predator on mites on cholam.

Family PSELAPHIDAE

PSELAPHUS

P.sp.

found in the nests of the common black ant (Camponotus)

Family HISTERIDAE

HISTER

H.(Pachylister)chinensis, Quens.

a smooth well-built black insect found in decaying animal matter.

Family TROGOSITIDAE

TROGOSITA

- T.(Tenebroides) mauritanica, Lin.
a dark stout beetle found in stored products such as ~~grain~~ grains, ground-nut, &c.

Family NITUDILIDAE

CARPOPHILUS

- C.dimidiatus, Fb. very common in cotton flowers in numbers.

EPURAEA

- E.angustula, Mot. a minute red insect in cotton seeds.

LORDITES

- L.glabricola, Caud. found in rotten oranges.
L.sp. noted in Nim fruits.

CYBOCEPTALUS

- C.semiflavus, Champ. Predator on Aspidiotus destructor on plantain leaf, Coimbatore.

Family CECUJIDAE

HECTARTHUR

- H.depressum, Smith.
H.heros, F. a very pretty black shining species with nodulose antennae

SILVANUS = (ORYZAEPHILUS)

- S.surinamensis, F. the saw-toothed grain beetle - pest of stored products.
S.mercator, F. attacking stored cashewnuts, Madras.

S. advena
Teak leaf gall maker
producing round
bluish galls

Family EROTYLIDAE

ANADASTUS

A.parvulus, Wied. the Tenai borer Erotylid.

EPISCAPHULA

E.sp.

Family LANGURIIDAE

MACROMELA

M.(Fatua) longicornis, Wied.

bores into Euphorbeaceae stems.

Family COLYDIIDAE

DASTARCUS

D.indicus, Fairm. a bark insect.

Family COCCINELLIDAE

CHILOMENES

- ✓ C.sexmaculata, F. the common South Indian lady-bird beetle feeding on plant lice on a variety of crops such as paddy, ragi, cholam, wheat, cotton, brinjal, red-gram, calotropis, etc. - occurs throughout the Presidency.

ALESIA

- ✓ A.(verania) discolor, F. found on paddy earheads generally - it is a predator on cane Aleurodid - also on Schoenobius egg-masses - Malabar.
- A.univittata, Hope = verania vincta, Goh. very common in Northern Circars - often on chillie plant.
- A.(Coelphora) cardoni, Muls. predator on green mealy scale on coffee shade trees.

HALYSIA

- H.(Thea) cincta, F. a smooth yellowish coloured lady-bird beetle on a number of crops - predator on Pulvinaria psidii - has a wide distribution.

COELOPHORA

- ✓ C.circumsta, Muls.

SYNIA

- S.melanaria, M. a red and black species - predator on the bug - Coptosoma (on Butea plants)

COCCINELLA

- ✓ C.septempunctata, L. predator on aphid^d on cotton, wheat cholam, etc.
- C.repanda, Thumb.
- C.transversalis, F. fairly common on cotton aphid - very widely distributed in the province.
- C.8-maculata, F. comes to light.

CHILOCORUS

- C.nigritus, F. a small black species feeding on Coccids - has a very wide distribution in the province.

EPILACHNA

- E.ocellata, Redt.
- E.vigintiocto-punctata, F. common on brinjal and cucurbitaceous plants.
- E.dodecastigma, Muls. pest of brinjal and cucurbitaceous plants - very widely distributed throughout the province.

SCYMNUS

- S.coccivora, Ram. predator, on Pulvinaria maxima.

- S.nubilus, Muls. on cholam aphids.
 S.luridus, Muls.
~~S.mole~~
 S.molochulskyi, C. on the scale Aspidiotus orientalis.
 S.xerampelinus, Muls. predator on Coccids - especially on guava and brinjal.
 S.guimeli, Muls.
 S.gracilis, Motsch.
 S.castaneus, Sic. on Phenacoccus insulatus.
 S.sp. predator on Pulvinaria maxima.
 S.sp. predator on mealy bugs on sugarcane Coimbatore.
 S.sp. predator on Ripersia oryzae.
 S.martis, Muls. predator on Trionymus sacchri on on sugarcane, Coimbatore.
 S.gracilis. predator on the cholam mites and eggs.

BRUMUS

- B.suturalis, F. a yellowish beetle with black stripes
 - predator on various Coccids on a variety of plants.

CLANIS

- C.soror, We. predator on castor Aleurodids.

NOVIUS

- N.roseipennis, Muls. - (Rodolia roseipennis, Muls.)
 predator on Aspidiotus destructor
 on plantain leaf, Coimbatore.

STICHOLOTIS

- S.sp. on castor Aleurodid.

PULLUS

- P.gratiosus, Wlk.var.elegans.
 predaceous on mealy bugs (Pseudococcus).

PHAROSCYMNUS

- P.horni, W. on tamarind scale.

ASPEBIMONIS

- A.testaceous, M. on aphids.

CRYPTOGONUS

- C.orbicularis, G. on calotropis aphids.

HYPERASPIS

- H.maindroni, Sie. predator on scales on roots of grass (Amphilophis pertusa), Coimbatore.

CRYPTOLAEUS

- C. montazemii Breeds and feeds on various mealy bugs

Family DERMESTIDAE

DERMESTES

D.vulpinus, F.		noted on dead animal matter (Fish guan
		said to feed on silk cocoons.
D.frischi, Klug.	X	an artificial silk yarn -
D.codaverinus, F.	X	Binny and Co., Madras.

ANTHRENUUS

A.vorax, Wat = fasciatus. } commonly known as wool beetles,
 } damaging cotton, wollen and
A.pimpinellae, Trao. } leather fabrics.

Family DASCILLIDAE

ORA

O. picta, F. Samalkot and Coimbatore on roots
in paddy.

Family HYDROPHILIDAE

HYDROPHILUS

H.olivaceous, F. comes to light - a common water beetle
(Stethoxus olivaceous)

H. sp. comes to light.

Family CANTHARIDAE (MELOIDAE)

MYLABRIS

- M.indica, Hbst. a yellow and black banded beetle.
M.balteata, Pall.
M.phalerata, Pall. a large sized orange banded species.

ZONABRIS

- Z.pustulata, Thumb. the common orange banded blister beetle found on all yellow and red flowers - pretty common throughout the provinces
Z.(Mylabris) thunbergi, Bill. a small yellow and blue banded beetle common on cotton and pulses.

CISSITES

- C.debyi, Fairm. a stout red beetle parasitic in the nests of carpenter bees.

GNATHOSPATOIDES

- G.rouxi, Cast. the yellow blister beetle occasionally found in paddy - comesto light.

CYLINDROTHORAX

- C.(Lytta) tennicollis, Pall. the bluish green blister beetle commonly found on cereals.
C.coromondalensis, Haag.

LYTTA

- L.ruficollis, Fab. a black and red blister beetle common on cumbu.
L.sybaramorpha.

DECAPOTOMA

- D.rouxi, Cast. medium sized yellow and blue banded beetle common on grasses, etc.
D.rouxi, var. recognita, Walk.

SYBARIS

- S.nigrifinis, Wlk.

PSALYDOLYTTA

- P.rouxi, Cast.

ELETICA

- E.testacea, Oliv. var. shervilli, Wellm.

Family CLERIDAE

NECROBIA

N.rufipes, G. a shining blue beetle - noted in fish manure.

Family MELYRIDAE

HAPALOCHRUS

H.malabarensis, Pic. predator on Spodoptera egg-masses.

Family PTINIDAE (ANOBUDE)

LASIODERMA

L.testaceum, Duft = serricorne, F. the cigar borer beetle.

GIBBIUM

G.scotias, Fabr. a shining globular spider like insect found in stored products - often oil cakes.

ANOBIUM

A. sp. noted in stored turmeric.

SITODREPA

S.panicea, L. commonly known as book beetle boring into books and stored articles - known also as "Death Watch" - stored coriander seeds, Koilpatti.

Family BOSTRICHIDAE

DINODERUS

D.brevis, Horn.

RHIZOPERTHA

R.dominica, F. pest of stored paddy - throughout the province.

BOSTRYCOPSIS

B.parallela, Le. noted on dry bamboo.

SINOXYLON

S.anale, Le.

S.sudanicum, Lesne.

S.stratum, Lesne. found in dead wood.

S.conigerum, Gerst. breeding in fuel timber.

APATE

A.submedia, Wlk. boring into Margo stems and branches, Udumalpet.

Family BUPRESTIDAE

STERNOCERA

S.laevigata, Olcoi

S.nitidicollis, C. & G.

S.chrysis, L.

CHRYSOCHROA

C.chinensis, C. & G.

PSILOPTERA

P.fastuosa, F. has a wide distribution in the province

SPHENOPTERA

S.indica, C. & G.

S.arachides, Lefroy. sometimes a serious pest of groundnut and is known as 'verpurchi'.

S.perroteti, Guer. boring in groundnut.

S.aenea, F.

S.orosa, G. a medium sized coppery shining species.

BELIONOTA

B.prasina, Thunb. often found on Mango, Acacia, etc.

CORAEBUS

C.coeruleus, Kerr.

AGRILUS

A.grisator, Kerr. on citrus plant, Anakapalle.

A.mandarinus, Kerr.

A.acutus, Th. a small shining metallic blue beetle found on Abutilon indicum leaves.

TRACHYS

T.virascens, Kerr. noted on cotton and bhindi plants.

T.sp. on Zizyphus jujuba.

T.mansueta, K. very small shining brown insect on Sida.

T.ipomoea, Th. " bluish species."

LAMPETIS

L.fastuosa, F.

Family ELATERIDAE

AGRYPNUS

- A.fuscipes, F. a big dark click beetle - comes to
A.luridus, F. light.

HETERODERES

- H.chrysites, Caud.

CARDIOPHORUS

- C.umbraculatus, Caud.
C.eximius, Caud.

MELANOTUS

- M.hirticornis, Hbst.

Lepturoidine beetle. on common tamarind bark (not named)

Family CISTELLIDAE (ALLECULIDAE)

ALLECULA

- A.holomelaena, Frm. feeding on rotten vegetable matter,
Coimbatore.

Family TENEBRIONIDAE (Contd)

ALPHITOBIOUS

A.laevigatus, F. feeding in fish guano, Tanur -
found on cholan as stored product
pests.

MESOMORPHUS

M.villiger, Blanch. pest on sunnhemp fodder,
Bhimavaram.

PLATYBOLIUM

P.alvearium, Blai. attacking honey combs, Coimbatore.

LYPROPS

L.curticollis, Fairm.

HETEROTARSUS

H.indicus, Mars.

STENOSIS

S.sp. very small ant like dark creatures
among ants on ground.

BYRAX

B.cornutus, F. found on fungi.

Family OTHNIIDAE

OTHNIUS

O.ceylonicus, B. a small spotted beetle found in
the hills near Coimbatore.

Family TENEBRIONIDAE (Contd)

ALPHITOBIOUS

A.laevigatus, F. feeding in fish guano, Tanur -
found on cholam as stored product
pests.

MESOMORPHUS

M.villiger, Blanch. pest on sunnhemp fodder,
Bhimavaram.

PLATYBOLIUM

P.alvearium, Blai. attacking honey combs, Coimbatore.

Family TENEBRIONIDAE

RHYTHINOTA

R.impolita, Fairm. a common ground form.
R.emarginata, Kr.

PACHYCERA

P.atra, Hbst.

HYPEROPS

H.unicolor, Hbst.

PSEUDOBOLAPS

P.dispar, Hbst.
P.crenatus, F.

OPATRUM

O.(Gonocephalum) indicum
sometimes a pest of plant roots,
potatoes, grapevine, etc.
O.(Gonocephalum) hoffmannseggii, Stev.

TRIBOLIUM

T.ferrugineum, Fab. a well known pest of stored products
T.castaneum, Hbst. -do- on cashewnut kernels

COSSYPHUS

C.depressus, F. comes to light - fairly well distributed in the province.

LYPROPS

L.curticollis, Fairm.

HETEROTARSUS

H.indicus, Mars.

STENOSIS

S.sp. very small ant like dark creatures
among ants on ground.

BYRAX

B.cornutus, F. found on fungi.

Family OTHNIIDAE

OTHNIUS

O.ceylonicus, B. a small spotted beetle found in
the hills near Coimbatore.

Family MORDELLIDAE (MONOMMIDAE)

MONOMMA

M.brunneum, Thoms. noted on tree stem.

EMENADIA

E.ferruginea, F. from nests of Eumenidae
(Rhynchium, etc)

Family RHIPIPHORIDAE

MACROSTAGON

M.ferrugineum, F. uniform brown form.
M.bipunctatum, F. dark brown with yellow markings.

Family BRUCHIDAE

BRUCHUS

B.phaseoli, G.	common pulse Bruchid with grey and brown marks on elytra.
B.chinensis, L.	common pulse beetle with universal distribution all over the world.
B.analis, F.	on Pillipesara seeds in Paddy Breeding Station, Coimbatore.
B.theobromae, Fb.	found in redgram in the fields.
B.4-maculatus, F.	on stored products.
B.jekeli, All.	in <u>Phaseolus acorpifolus</u> .
B.rufimanus, Boh.	in <u>Vicea fabia</u> , Baghdod.
B.wilkeri, Pic.	breeding in <u>terammus labialis</u> .
B.pisorum.	from Bihar, Pusa.
B.sparsemaculatus, Pic.	from <u>Albizzia bibback</u> pods, Coimbatore.

~~Family~~ CARYOBORUS

C.gonagra, Fb.	the common Tamarind borer beetle.
P.languidus, Gyll.	boring into Cassia pods, Coimbatore

SPERMOPHAGUS

S.semiannulatus, Pic. on Bengal gram.

Family CHRYSOMELIDAE

LEMA

- L.lacordairei*, Baly. common along West Coast and Benga
L.lateralis, Jac.
L.downsei, Baly. found on Ragi seedlings - an
insect with yellowish brown
wings and red head.

CRIOCERIS

- C.hampsoni*, Jac. a small spotted species.

MERILIA

- M.lunulata*, Fab. a common species.

MIOPRISTIS

- M.bimaculata*, Jac.

ASIPIDOLOPHA

- A.decora*, Fab. a blue and red beetle occasionally
on *Zizyphus* and groundnut.

CLYTRASOMA

- C.palliata*, Fabr. a stout blue spotted beetle fairly
large sized.

CLYTRA

- C.succincta*, Lac. a very common species found on
Acacia and rarely on Jack.

DIAPHOMORPHA

- D.melanopus*, Lac. this is also a common species.
D.turcica, Fab. also a common species with a wide
distribution in the province.

CRYPTOCEPHALUS

- C.sandracottus*, Suffr. a small species with lines of
punctures on the Elytra - found
on tamarind bark.
C.sehestedti, F. a small striped beetle very common
on a variety of crops on Ragi, Re
gram, Cholan, etc. found through-
out the province.
C.rectofasciatus, Jchy.
C.malificus, Suffr. comes to light.
C.sex-signatus. has a wide distribution in the
province.
C.nilgiriensis, Tchy.
C.analis, Oliv. a fairly common insect.
C.vahle, Fab. similar but slightly bigger than
C.sandracottus.
C.abbreviatulus, Suffr.

PAGRIA

- P.signata*, Mots. a minute dark brown insect.

SCELODONTA

S.strigicollis, Mots. noted on grapevine, also in Salem Anantapur, etc.

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CALASPOSOMA

C.metallicum, Clk. a common metallic beetle found on sweet potato in several places in the presidency.
C.pretiosum, Baly. similar but slightly bigger.
C.splendidum, F.
C.versicolor, Lef.

PACHNEPHORUS

P.impressus, Ros. comes to light.

CORYNODES

C.peregrinus, Fuessly.
C.vavifrons, Jaby.

PHYLLOTRETA

P.downsei, Baly. a minute shining blue beetle found on Radish and other plants.

HALTICA

✓ *H.cyanea*, Webr. found gregariously on paddy lands breeding on plant ~~Ammania~~ - found throughout the province.

CLITEA

C.indica, J. found on Bael leaves (Bilva) some times as a pest.

SAULA

S.nigripes, Gerst.

CHAETOCNEMA

C.pusaensis, M. a minute coppery~~in~~ shining beetle found on Varagu and other millets

MONOLEPTA

✓ *M.signata*, Oliv. a pest on radish and other plants - cotton.

LONGITARSUS

L.belgaumensis, Jaby. a minute yellowish brown insect known as Sannhemp flea beetle - sometimes a pest.

HERMACOPHAGA

H.ruficollis, Luc. castor flea beetle - small yellowish brown species.

HAPLOSOMA

H.simpliciapennis, F.

MIMASTER

Msp.

OIDES

O.bipunctata, F.
O.affinis, Jac.

noted on paddy in some parts of
the province.

AULOCOPHORA

A.stevensi, Baly.
A.foveicollis, Knst = abdominalis, F.
A.atripennis, F.

known as pumpkin bee-
tles - Pests of cucur-
bitaceae - throughout
the province.

PLATYPRIA

P.hystrix, F.
P.crimaceus, F.

noted on Zizyphus.

PHIDODONTA

Pmodesta, Weise.

found on cane and cholam.

HISPA

H.armigera, Oliv.
(aenescens, Baly)
H.pallesens, Guer.

a major pest of paddy in parts of
South India.

HISPELLA

H.ramosa, Gyll.

noted on cereals.

PRIONISPA

P.tenuicornis, Gestr.

ONCHOCEPHALA

O.tuberculata, Oliv.

Ipomea sepiaria leaves.

ASPIDOMORPHA

A.sancti-crucis, F.
A.miliaris, F.
A.indica, Bohem.
A.dorsata, F.

big yellowish spotted beetles found
breeding on sweet potato.

CHIRIDA

C.sexnotata, F.

a small yellowish tortoise beetle
with minute indistinct spots on
Elytra.

OOCASSIDA

O.cruenta, F.

noted on Zizyphus.

CASSIDA

C.exilis, Boh.

a small shining brown beetle on
Amaranthus.

Contd....

METRIONA

M.(cassida) varians, Hbst.
M.circumdata, Hbst. noted on sweet potato.

COPTOCYCLA

C.sp. noted on sweet potato.

~~CELOOCC~~SSIA

C.indicola, D. a small greenish beetle.

HYMENESIA

H.tranguebarica, F. a reddish brown beetle edged with blue at posterior margin.

ZYGGRAMA

Z. bicolorata.

Feeds on tender
leaves of parth-
erium weed

Family CERAMBYCIDAE

DORYSTHENES

- D.rostratus, Fab. fairly common during North-East monsoon - comes to light in numbers
D.montanus, Guer. not so common as former species - attracted to lights.

PRIONOMMA

- P.orientalis, Oliv. comes to lights.
(atratum, Gmelin).

XYSTROCERA

- X.globosa, Oliv. fairly common in fuel.

STROMATIUM

- S.barbatum, Fab. boring into bamboo - coming to lights.

PLOCAEDERUS

- P.ferrugineus, Linn. var. niger, Gahan.

NEOCERAMBYX

- N.paris, Wied.

AEOLESTHES

- A.(Pachydissus) holoserica, Fab.
comes to lights.

DIORTHUS

- D.simplex, White.

ZONOPTERUS

- Z.consanguineus, Rito.

XYLOTRECHUS

- X.subscutellatus, Chevr.

CALOCLYTUS

- C.(Chlorophorus) annularis, Fab.
comes to lights.

COELOSTERNA

- C.scabrator, F.

AELARA

- A.cylindraceae, White.

COPTOPS

- C.aediticator, F. commonly known as Moringa stem borer - noted also on sugarcane.

OBERIA

- O.modica. fairly common species - has a wide distribution in the province.

O. brevis

say less stem borer
also in Pungam

BATOCERA

B.rubus, L. common tree borer - mango, rubber, e

OLENECAMPTUS

O.bilobus. boring into fuel - also noted in fig stem.

STHENIAS

S.grissator, Fb. stem girdler of mulberry and other plants- has a fairly good distribution in the province.

APOMECYNA

A.pertigera, Thoms. a common stem borer of cucurbitaceae
(neglecta)

A.histrio, F.

STIBARA

S.saturalis. a wood borer.
S.nigricornis, F.

GLENIA

G.multiguttata. a yellow and black spotted beetle - fairly well distributed in the province.

G.spilota, Thoms.

DIAXENOPSIS

D.apomecynoides, Bru. Coimbatore.

Family BRENTHIDAE

SYMMORPHOCERUS

S.cardoni, S. comes to light.

HYPOMIOLISPA

H.colorata, Klu. Tinnevelly hills.

Family ANTHRIBIDAE

PLINTHERIA

P.ijamplana, Jord.

ARAE CERUS

A.fasciculatus, Dej. a pest of coffee seeds, arecanuts, also bores into Persian nim fruits.

T.rufescens, Roel. TROPIDERES

Family PASSALIDAE

BASILANUS (Epispheus)

B.indicus, St. noted from rotten wood in forests
near Coimbatore.

B.neelgeriensis, P. -do-

AULACOCYLUS

A.andrewesi, Gr.

PLEURARIUS

P.brachyphyllus, S.

Family SCARABAEIDA (COPRIDAE)

CATHARSIDS

- C.molossus, L.
C.pithecius, F. the common black dung roller.
C.pithecius, F.var.cribricollis, Wlk.

COPRIS

- ✓ C.repletus, Walk. Comes to light.
C.signatus, Walk.

HELIOCOPRIS

- H.(scarabaeus) bucephalus, Fb. ~~XXXXXXXX~~
a common dung roller throughout the province.

SCARABAEUS

- S.devotus, Hug.
S.erichsoni, Har. common on cattle dung.
S.brahminus, Cast.

PHALOPS

- P.cyaneus, Orb. a very common dung roller with shining blue body.

CHIRON

- C.digitatus, F.

GYMNOPLEURUS

- G.cyaneus, F. a metallic blue dung roller fairly common with a wide distribution in the province.
G.miliaris, F.

ONITICELLUS

- O.rhadamistus, F. a yellow and blue dung roller with small horns and depression on the head.

ONTHOPHAGUS

- O.gazella, F.
O.cervus, F.
O.dama, F.
O.sphinifex, F.
O.4-dentatus, F. comes to light.
✓ O.loevigatus, F. comes to light.
O.unifasciatus, F. noted on cowdung.
O.quadricornis, F.

ONITIS

- O.distinctus, Lans.
O.philemon, F.

TROX

- T.granulatus, Hbst.

BOLBOCERUS

- B.quadridens, F.

ORPHNUS

- O.mysorensis, Westw. comes to light.
O.nanus, Westw.
O.patius, Wied.

Family MALACODERMIDAE

LYCOSTOMUS

- ✓ *L.nigripes*, F. a fairly common glow worm usually
found on flowers of Compositae.
L.praeustus, Fabr. noted on weeds.
L.analis, D.
L.honestus, B.

LAMPROPHORUS

- ✓ *L.repolensis*, Gray. comes to light.

LUCIOLA

- L.gorhami*, Ritz. a widely distributed species in
(affinis, Gorh). South India.
L.chinensis, L.var.
L.vespertina, F.
L.sp.

IDGIA

- I.melanura*.

LYROPÆUS

- L.biguttatus*, Gorh.

CALOCHROMUS

- C.impressipes*, Pic.

Family CURCULIONIDAE

BLOSYRUS

- B.asellus, Oliv.
B.inaequalis, Boh. fairly well distributed.

ASTYCUS

- A.lateralis, F.

TANYMECUS

- T.parvus, Desbr. a small species.
T.longulus, Fahrs. noted on cassia.

DERIODUS

- D.mastos, Hbst. a fairly large weevil - common
~~in~~ on a number of crops, such
as cotton, babul, etc.

SYMPIEZOMIAS

- Z.cretaceus, Fst.

EPISOMUS

- E.lacerta, Fabr. a stout grey weevil of pulses -
well distributed in the province.

MYLLOCERUS

- M.discolor, Boh. the common grey leaf weevil on
cholan, ragi, etc.
M.maculosus, Desbr. an ashy grey weevil.
M.viridanus, F. a small green weevil found on
Hibiscus, groundnut, agathi, etc.
very/ - has a/wide distribution in the
province.
M.subfasciatus, Guer. feeding on brinjal leaves,
Coimbatore.

PTOCHUS

- P.concinnus, Mshl.

AMBLYRRHINUS

- A.poricollis, Boh. sometimes found on Zizyphus and
Almond leaves - comes to light.

CYPHICERUS

- C.emarginatus, Fst.

NEOCLEONUS

- N.sannio, Hbst.var. noted on Hibiscus.

XANTHOCHELUS

- X.superciliosus, Gyll. found on Zizyphus defoliating same.
X.perlatus, Fabr. noted on Zizyphus.
X.faunus, Oliv. also noted on Zizyphus.

ATACTOGASTER

- A.finitimus, Fst. dark brown surface weevil of cotton
has a wide distribution.

LIXUS

- L.prainae, Fst. widely distributed throughout the province.
L.binodulus, Boh. noted on Amaranthus stems, ragi, etc.
L.aethiops, Hbst. noted on Amaranthus.
L.brachyrhinus, Boh. commonly known as Amaranthus weevil
- noted on Amaranthus stems, clusters of beans, etc. - enjoys a very wide distribution in the province.
L.aethiops, Hbst. inside swollen stems of oscimum basilicum, Trichinopoly and beans, Coimbatore. - in Gynandropsis stems Coimbatore.

HYPOLIXUS

- H.truncatulus, F. in Amaranthus stems, Coimbatore.
H.pulvisculosus, Boh. on Zizyphus jujuba, Coimbatore.

DERELOMUS

- D.sp. on Date flowers, Tungabhadra.

DIOCALANDRA

- D.frumentae, F. in coconut stems and also sugarcane stems, S.B.S., Coimbatore.
(looks like C. stigmaticollis)

PACHYTYCHIUS

- P.mungonis, Mshl. the green gram weevil - common on green gram and Daincha.

PARAMECOPS

- P.farinosus, Wied. a short stout ashy grey creature - breeding in calotropis fruits and shoots.

CYLAS

- C.formicarius, F. an ant like creature - a serious pest of sweet potato all over the world.
C.sp.n.

APION

- A. amplum, Fst. a tiny dark shining weevil breeding on redgram and Anacardium.
A.benignum, Fst.
A.sp.near tonsilis, F.

APODERUS

- A.cygneus, F. a long snouted reddish brown insect
A.scutellaris, Gyl.
A.blandus, Fst.
A.tranquebaricus, F. a widely distributed species of leaf twisting weevils found on mango, country almond, etc. Sapota, Taliparamba - 1936.

ATTELABUS

- A.octomaculatus, Jck. Walayar forest.
A.discolor, Fabr. an yellowstriped creatures common in the forest nearby.

EUGNAMPTUS

E.marginatus, Pasc. a small weevil found in tips of mango leaves.

CIONUS

C.albosparsus, Fst. noted in Bignonia leaves.

ALCIDES

A.bubo, F. a very common weevil found in Sesbania, cluster-bean, etc. - throughout the province.

A.collaris, Pasc. found on pulses.

A.fabrici, F. noted on pulses, agathi.

A.roctofsi, Lewis.

A.pictus, Boh. a fairly common species found on a variety of crops, paddy, cholam, mango, beans, ficus, almond, redgram, etc.

A.affabar, Boh. the gogu stem borer, also on cotton.

A.sexlineatus, Fst. bigger than *A.pictus*.

A.sexvittatus, Fst.

PEMPHERULUS

P.affinis, Fst. known as cotton stem weevil - a major pest of cotton in S. India - very widely distributed.

CRYPTORHYNCHUS

C.mangifera, Fabr. the common mango stone weevil.

ATHESAPEUTA

A.oryzae, Mshl. sometimes found on paddy.

CEUTHORRHYNCHUS

C.asperulus, Fst. a minute greenish brown weevil - known as redgram bud weevil.

C. sp. Marudamalai.

C.portulacae, Mshl. in *Trianthema* weeds, Coimbatore.

BARIS

B.x-album, Fst. noted on *Acheranthus aspera*.

B.sp. in cardia galls.

RHYNCHOPHORUS

R.ferrugineus, Oliv. the red palm weevil - a serious pest of coconut throughout the coastal districts.

RHINONCUS

R.paganus, B. a minute grey insect found on *Polygonum*.

CALANDRA

C.oryzae, L. a serious pest of stored cereals.

C.stigmaticollis, Gyl. found on rotting palm fibre - also on cholam and cumbu earheads.

C.linearis, Hbst. found on stored tamarind - boring into tamarind fruits.

DIOCALANDRA

D.frumenti, F.

COSMOPOLITES

C.sordidus, Germ. a pest of minor importance on plants

PYENODACTYLUS

P.albogilvus, Gyll.

COLOBODES

C.dolichotes, Mshl. sp. on Dolichos.

AMORPHOIDEA

A.arcuata, Mot. a small smooth brownish weevil found in cotton flowers - ~~very~~ a very closely allied species is recorded as a cotton pest in the Philippines.

SMYCRONYX

S.sp.

DESMIDOPHORUS

D.anxius, Fst. Krishna District.

ACALLOPISTUS

A.vellicosus, Bbh. boring into abutilon pods, Coimbatore

DEFORAUUS

D.sp. not in B.M. Walayar forests.

LOBOTRACHELUS

L.urerae, Mshl. Marudamalai.

AUBEUS

A.sp. in B.M. ~~xx~~ in Zizyphus fruits, Panyam.

METIALMA

M.sp.

Family SCOLYTIDAE

PLATYPUS

P.solidus, Wlk. a shining deep brown insect found in the hills near Coimbatore.

XYLEBORUS

X.morstatti, Hag. on coffee in Vythri hills.

COCCOTRYPES

C.arecae, Eggers. New to B.M. boring into arecanut, C.S.B., Bellary

Family MELOLONTHIDAE.

SERICA

- S.mollis, Walk. comes to light - perhaps synonymous
with Aserica mollis.

ASERICA

- A.mollis, Wlk. on Rose leaves, Tudiyalur.

HOLOTRICHIA

- H.rufoflava, Brenske. comes to light.
H.fissa, Brenske. comes to light.
H.serrata, F.

APOGONIA

- A.sp. comes to light.

SCHYZONMCHA

- S.xanthodera, Bl. comes to light - it has a very wide
distribution in the province.

SENIA

- S.sp.

LACHNOSTERNA

- L.rufoflava, Brenske.

POPILLIA

- P.propinqua, Ar. a small shining green and brown
species.
P.complanata, New. similar to P. propinqua but with
white spots on abdominal sides -
noted on paddy.
P.schizonycha, Ar.

MIMELA

- M.xanthofrhina, Hope. pale yellowish green beetles.

ANOMALA

- A.dorsalis, Fabr. a fairly common pale greyish brown
species - comes to light.
A.bengalensis, Blanch.
A.communis, Burm. a common species similar to but
smaller than A. dorsalis.
A.ruficapialla, Burm.
A.(Spilota) regina, Newm. a common species ~~similar to but~~
- bright metallic bluish green with
grooves on elytra.
A.varians, Oliv. a bad pest of garden plants.
A.varicolor, Gyll. grey brown with dark spots on
prothorax.

RHINYPTIA

- R.meditionalis, Arrow.
R.indica, Burm.

PACHYRRHINADORETUS

- P.rugipennis, Ohaus. comes to light.

ADORETUS

- lasiopygus, Burm.
A. ~~rugipennis~~, ~~Shans~~, ~~comes to light~~. a grey brown beetle attacking grape-vine - very common and found ~~in~~ often in large numbers.
A. bicolor, Br.
A. versutus, Har.
A. decanus, Ohs. comes to light.
A. minutus, Brs. on Hollyhock, Coimbatore.

MACRONOTA

- M. saunio, Jans.

HETERORRHINA

- H. elegans, F. very smooth shining blue or green beetles - comes to light.
H. Micans, Guer.

ANTHRACOPHORA

- A. crucifera, Oliv. commonly found in rotting cucurbitaceous fruits - fairly common in the province.
(atromaculata, F.)

ANATONA

- A. stillata, Newm. a spotted brown species devouring pollen - found on cumbu and cholam.

PROTAETIA

- P. aurichalcea, F.
(aculeata, F.)
P. peregrina, Herbst. smaller and darker than P. aurichalcea and found in similar situations.
P. cenerea, Kr.
P. terrosa, G. & P.
P. alboguttata, Vigors.
P. maculata, F.

OXYCETONIA

- O. versicolor, F. reddish brown shining beetle with shining cream coloured spots - fairly common throughout the province.

CHILOLOBA

- C. acuta, Wied. a mettalltic green and hairy beetle.

SPILOPHORUS

- S. cretosus, Hope.

COENPOCHILUS

- C. trabacula, Schdm.

ORYCTES

- O. rhinoceros, L. a well known familiar pest ~~fox~~ of coconut palm - called Rhinoceros or palm beetle.

PHYLLOGNATHUS

- P. dionysius, F. comes to light.

POPILLIA

- P. schizonycha, Arr. a small bright green and brown species.
-

L E P I D O P T E R A.

N O C T U I D A E.

CHLORIDIA (HELIOTHIS)

C.obsoleta, Fabr. Bengal gram, redgram, groundnut,
(armigera, Hubn) safflower, etc. - known as gram
caterpillar, of-ten a serious pest.

H.(Chloridea) pettigera, Schiff. Safflower.

C.assulta, Guen. on tobacco.

ADISURA

A.atkinsoni, Moore. The lablab pod borer - sometimes a
bad pest.

POLYTELA

P.gloriosae, Fb. The lily caterpillar - a dark brown
moth with reddish markings, the
spotted caterpillar on garden lilies

RABILA

R.frontalis, Wlk. a Larva occasionally boring into cotton
stout yellow brown moth. bolls - minor pest.

PERIGEA

P.capensis, Guen. on safflower leaves.

CIRPHIS.

C.albistigma, Moore. the climbing cutworm of paddy.

C.loreyi, Dup. the caterpillar occasionally found
on cholam, paddy, etc.

C.unipuncta, Haw. a stout grey brown moth - the
larva attacks cholam shoots.

SPODOPTERA.

S.mauritia, Boisd. the caterpillar is the army worm
of paddy.

S.abbyssinia, F. on paddy.

PRODENIA.

P.litura, Fabr. the larva attacks a variety of
crops such as tobacco, castor,
tomato, indigo, etc., etc. - is
called the tobacco caterpillar.

LAPHYGMA.

L.exigua, Hubn. caterpillar found on Daincha.
L.exigua, Hubn.(contd) lucerne, agathi, linseed, Bengal-
gram, gingelly, chillies, onions,
ragi seedlings and coriander.

SESAMIA (NONAGRIA)

S.inferens, Wlk. caterpillar is the pink borer of
ragi found on wheat and cane
also.

AMYNA

A.octo, Guen. larva on ganja - on cotton leaves.

EUBLEMMA

E.conspersa, Butl. predator on scales on roots of Amphilopis pertusa grass.
 E.rosita, Guen. a pretty little moth with pink shade in fore-wing.
 E.hemirhoda, Wlk. a pink and yellow moth - larva on Marigold and green-gram pods.
 E.trifasciata, Moore. larvae in Ailanthus shoots.
 E.silicula, Swinh. larva on cholam earheads and lantana berries.
 E.scitula. the caterpillar is a predator on scale insects of sorts.
 E.roseana, Moore. larva on lethica flowers.
 E.olivacea, Wlk. the larva known as the brinjal leaf folder - an olive green moth.
 E.versicolor, W. in mango flowers.
 E.brachygonia, H. -Do-

TARACHE

T.opalinoides, Guen. larva on cotton, calotropis, etc.
 T.notabilis, Wlk. found at light.
 T.nitidula, Fb. one of the semi-loopers - larva sometimes on grape-vine, lab-lab, castor and cotton.
 T.catenula, Wlk. moth found at light - larva boring Hibiscus micranthus pods.
 T.tropica, Guen. at light.
 T.crocata, Guen. at light.

STICTOPTERA

S.subcostata. a dark brown moth with a black band along the margin of the forewing - at light.

PLOTHEIA

P.celtis, Moore on Acacia, Trewia, Odina wodiya and brinjal. (*Tremella alba*)

ACONTIA

A.graellsii, Feist. the larva is known as the cotton semi-looper found on allied Malvaceae.

EARIAS

E.fabia, Stoll. the spotted boll-worm moth of cotton - a bad pest.
 E.insulana, Boisd. closely allied species to E. fabia.

CAREA

C.subtilis, Wlk. on Eugenia jambolana - pest of Eugenia jambolana - moth ~~which~~ with brick red upper wings and the larva with anterior part of body conspicuously swollen.

PERICYMA

P.glaucinans, Guen. larva on Sesbania aegyptiaca (Daincha), on mango and S.aculeata.

ACHAEA - OPHIUSA

- A.janata, L. The larva known as the castor semilooper - a bad pest of castor
- A.algira, L. Larva occasionally found on castor.

ANUA

- A.coronata, Fabr. One of the fruit moths.
- A.(Ophiusa) gravata, Guen.
- A.honesta, Hubn.

NYCTIPAO

- N.macrops, L. a large dark brown moth large eye spot on each upper wing. Resting on grass.

REMIGIA

- R.archesia, Cr. The caterpillar is a semilooper found on paddy and grasses.

TRIGONODES

- T.hyppasia, Cr. a medium sized moth the upper wing having a triangular black blotch with white broader lines.
- T.cephioe, Cr.

ATTATHA

- A.ino, Drury.

GRAMMODES

- G.stolida, Fabb. The larva is the linseed semilooper - dark brown moth with white wavy cross band - from Daincha leaves.

PLUSIA

- P.agramma, Guen. (pepuni?) The larva is the snake-gourd semilooper - a stout dark brown moth.
- P.signata, Fb. The larva is a semilooper noted on tobacco, pulses, etc.
- P.chalcytes, Fabr. do do
- P.orichalcea, Fabr. moth with a yellow golden blotch on forewing. do do

COSMOPHILA

- C.erosa, Hubn. Larva on cotton.

POLYDESMA

POLYDESMA

- P.quenavadi, Guen. - Often comes to light.
a stout dusky brown
moth.
- P.umbricola, Boisd. At light.

CATEPHIA

- C.inquieta, Wlk. (not Occasionally found on sweet
found in the collection) potato.

THERMESIA

- T.rubricans, Boisd. Larva found on pulses.

ISCHYJA

- I.manlia, Cr. a large dark
brown moth with a violet
patch on hind wing.

CALPE

- C.emarginata, Fabr. Larva on Cocculus leaves -
a fairly stout reddish brown
moth.
- C.argyrosigna, M. Dark brown species.
- C.indecisa, Moore.

OPHIDERES

- O.fullonica, Linn. The chief fruit sucking moth
of S.India - larva on Tinospora.
- O.materna, Linn. Another fruit moth.
- O.hypermenestra, F. do.
- O.ancilla, Cr. Larva on Sterculia oetida.

SIMPLICIA

- S.robustalis, Guen. Larva found on dry thatch -
made of cholam or ragi stalks.

DICHROMIA

- D.orosia, Cr. fairly common
moth with black and yellow
wings with palpi prominently
curved upwards.

HYBLOEA

- H.peura, Cr. short grey The larva is the well known
brown moth with reddish teak leaf roller.
markings on lower wing.

ELIGMA

- E.narcissus, Cr. a large Larva often found on Ailanthus
stout moth ashy brown excelsa.
upper wings with orange
coloured hind wings with
dark borders.

PLOTHIA

PLOTHIA

P.nephelotis, Meyr. Larva on brinjal.

TINOLIUS

T.eburneigutta, Wlk. - the larva
has curious tentacle like
processes on body.

BOMBOTELIA

B.jocosatrix, Guen. On cashewnut leaves, Talipatamba.

RESALA

R.moestalis, W. On Rain tree.

ANTICIRIA

A.irrorata, F. On Rain tree.

PANDESMA

P.quanavada, G.

ORTHAGA

O.exvinacea, H. leaf webber of mango - some-times
a pest.

SELEPHA

S.aenescens, M. in mango flowers.

ANUGA

A.multiplicans, W. Dark stout moth with pale grey
patches on wings - got at light.

PAROLLELIA

P.algira. On chitagathi leaves.

P Y R A L I D A E.

STENACHROIA

S.elongella, Hmps. Larva webbing cholam earhead.

TRACHYLEPIDIA

T.spp. At light.

CHILO

C.simplex, Butl. Larva on cholam, ragi, cane and maize stems.

C.zonellus, Sw. do.

DIATROEA

D.spp. Larva is a sugarcane borer.

SCHOENOBIOUS

S.incertellus, Wlk. Larva is the notorious paddy stem borer.

SCIRPOPHAGA

S.monostigma, Z. a white moth with one dark spot on each forewing. Larva on tops shoots of sugarcane.

S.auriflua, Z. do do do do without the spot.

GALLERIA

G.mellonella, Linn. the wax moth. The caterpillar is an enemy of bee-hives.

ANCYLOLOMIA

A.chrysographella, Koll. The larva bores into the paddy stem near the roots - moth comes to lights.

EUZOPHERA

E.perticella, Rag. Larva on brinjal stems.

E.plumbeifasciella, Hmps. Larva bores into wood apple. a yellowish moth with an ashy white anterior margin in forewing.

E.cocciphaga, Hmps. Larva feeds on scale insects.

E.dentilinella, Hmps. Larva predaceous on Parasa lepida pupae.

PHYCITA

P.infusella, Meyr. Larva known as the cotton budworm.

P.clientella. Larva on brinjal leaves.

P.umbratalis, H. Larva webbing mango leaves.

ETIELLA

E.zinckenella, Tr. Larva boring into horsegram and sannhemp pods.

ORTHAGA

- O.exvinacea, Hmps. a Larva webbing mango leaves.
brownish dark moth
with brownish white
patches.

NYMPHULA

- N.depunctalis, Gn. an The larva is known as the
ashy white moth. paddy case-worm.
- N.fluctuosalis, Z. do do
brown moth with white
wavy lines on wings.
- N.affinialis.

HYMENIA

- H.fascilis, Cr. a very Larva on Amaranthus, grass, etc.
common moth in grass
with dark and white
wing markings.

CNAPHALOCROCIS

- C.medinalis, Gn. a small Larva known as the paddy leaf
yellowish brown moth. folder.

MARASMIA

- M.trapezalis, Gn. Larva is the cholam leaf folder.

DICHOCROCIS

- D.punctiferalis, Gn. a The larva is the castor seed
small yellow spotted borer found on turmeric and
moth. ginger also.

LAMPROSEMA

- L.indicata, Fb. Larva is the common chrysanthemum
caterpillar.

SYLEPTA

- S.lunalis, Gn. a dark Larva webs grape-vine leaves.
brown moth.
- S.derogata, Fb. a median The larva is the cotton leaf
sized pale yellow roller.
spotted moth.

GLYPHODES

- G.unionalis, Hb. a little Larva on jasmine leaves.
white moth with trans-
parent wings and a yel-
lowish brown streak on
anterior margin of forewing.
- G.stolalis, Hb. a brown Larva on Ficus leaves.
moth with white irre-
gular straight edged
lines.
- G.bivitalis, Gn. dark/ brown Larva on Ficus spp.
moth with white trans-
parent patches - two on
upper wing and one on
lower wing.

GLYPHODES (Contd.)

- G.caesalis, Wlk. Larva found as borer on jak.
G.indica, S. a pretty dark and cream moth. The larva is the striped caterpillar of cucurbits.
G.negatalis, Wlk. Larva on banyan leaf.

PYGOSPILA

- P.tyres, Cr. a dark brown moth with spotted wings.

LEPYRODES

- L.geometralia, Gr. Found at light.

LEUCINODES

- L.orbonalis, Gn. The larva is the well known brinjal fruit borer.

CROCIDOLOMIA

- C.binotalis, Z. Larva found on Cruciferous leaves.

HELLULA

- H.undalis, Fb. Larva known as Radish and Cabbage borer.

ANTIGASTRA

- A.catalaunalis, D. a small yellowish brown moth. Larva is the gingelly leaf and pod caterpillar.

NOORDA

- N.blitealis, Wlk. a small darkish moth. Larva on moringa leaves.

PSARA

- P.bipunctata. Larva webbing brinjal leaves.
P.pheopteralis, Gn. On grasses.

CORCYRA

- C.cephalonis (B.J.XIV.657) The flour and lace moth - pale grey moth. larva found on stored rice powder, etc., etc. - on Plantain fig stored rice from stored cotton seeds, Coimbatore.

SAMEODES

- S.cancellalis, Z.

TERASTIA

- T.meticulosalis, Gn. Larva boring into Erythrina shoots and pods.

OMPHISA

- O.anastomosalis, Gn. a light brown moth with wavy markings. Larva bores into sweet potato vines.

ISOCENTRIS.

I.filalis, Gn. At light.

MARUCA

M.testulalis, Geyer. Larva bores into redgram pods and flowers - fig leaves.

ACROIDA ACHROIA

A.grisella, F. attacking honey combs, Coimbatore

MYCLOIS

M.ceratoniae, Zell. in moringa dried fruits, CBE.

PYRALIS

P.manihotalis, Guen. feeding on wax, Taliparamba.

BOCCHORIS

B.tenera, B.

ARGYRIA

A.fuscivenalis, H. Larva on crateva.

NANAGUNA

N.breviuscula, W. Larva boring into mango shoots.

CALGURIA

C.defiguralis, W. a small brown moth with a grey cross band on upper wing.

BOTYODES

B.flavibasalis, Moore. boring into Tinophora crodifolia stems.

CONOGETHES

C.suralis, Wlk. boring into Hibiscus cannabinus pods, Coimbatore.

NEPHOPTERYX

N.divisella, Dup. on wild castor leaves, Coimbatore.

EPHESTIA

E.cautella, Wlk. in stored garlic bulbs.

ARCTIIDAE.

PERICALLIA.

P.ricini, Fabr. - dark and red winged moth. The larva is the black hairy caterpillar of castor, banana, etc.

P.(Alphaea) biguttata, Wlk. At light.
a moderate sized moth with darkish anterior wings with a white streak along the length of the middle upper wing.

CREATONOTUS.

C.ganges, Linn.(interruptus) on Daincha.
a moth with white upper wing having a median lengthwise broad black streak (just the opposite of P.biguttata)

ESTIGMENE.

E.lactinea, Cr. a pretty cream white moth with red markings. The larva is known as the black woolly bear.

AMSACTA.

A.albistigma, Wlk. The notorious hairy caterpillar - major pest of dry crops in S. India.
(Moorei, Butl)

PELOCHYTA.

P.rhodogastria, Hubn. Found on Ficus.
a large white moth with pink abdomen.

SECUSIO.

S.atrigata, Wlk.-a deep yellow moth with white blotches in upper wings. On Pimpinella.

UTETHESIA.

U.pulchella, Linn. - a spotted day flying moth. The larva is the well known Sannhemp hairy caterpillar.

ASURA.

A.conferta, Wlk.-a small yellow and brown spotted moth. At light. Caterpillar is a hairy one and is often a pest in houses.

CUROBA.

C.sangarida,? a butterfly like moth with black upper wings with a white transverse band and red hind wings.

CELALAMA

C.internella, Wlk. On mango.

AGARISTIDAE.

AEGOCERA.

A. venulia, Cr. - a very Larva on weeds and Brerhavia.
common moth.

A. bimacula. Found at light.

H Y P S I D A E.

HYPSEA

H.ficus, Habr. a handsome Larva on Ficus leaves.
large yellow moth with
reddish markings.

DIGAMA

D.hearseyana, Moore.

ARGINA

A.syring, Cr. a grey and Larva found on Sannhemp.
red moth.

A.cribraria, Clerck - moth Found on Sannhemp.
with black spotted yellow
wings.

NYCTEMERA

N.lacticinia, Cr. -a grey
white moth looking like a
Pierid butterfly.

N.plagifera, Wlk. - a pale
white spotted moth.

D R E P A N I D A E (Hook tip moths).

Oreta sp.

On cabbage leaves, Coimbatore.

S Y N T O M I D A E.

SYNTOMOIDES.

S. georgina, Butl.

SYNTOMIS

Sy. passalis, Fabr. a stout
slow flying moth with
yellow and black alternate
bands on abdomen and wings
with transparent spots.

EUCHROMIA.

E. polymena, Linn. a dark Larva found on sweet potato.
gaily coloured moth with
pink and blue bands on
abdomen and yellow blot-
ches on wings and antennae.

NOTODONTIDAE.

ANTHEUA

A.servula, Drury. a Fairly common
large yellow moth with
dirty brown spots on
upper wing.

STAUROPOS

S.alternus, Wlk. a large The larva is known as the
dark grey moth. crab caterpillar and found
on red-gram, tamarind, rose,
etc.

ZYGAENIDAE.

MONOSCHALIS

M.virescens, Hmpsn.

Maruthamalai, Coimbatore.

L A S I O C A M P I D A E .

TARAGAMA

T.siva, Lef.(dorsalis,Wlk) Babul, Mahogany.

METANASTRIA

M.hyrtaca, Cr. a stout Found on country almond
smooth greyish brown and Nyctanthus. Sapota, guava.
moth.

CHILENA

C.strigula, Wlk.

S P H I N G I D A E.

ACHERONTIA

- A.styx, Westw. Known as the Deaths-head moth -
the stout horned caterpillar
found on gingelly, lablab, etc.

POLYPTYCHUS

- P.(dentata?) ashy brown Larva on Cordia cardata or
moth with grey wavy lines (C.subendata).
across anterior wings and
a highly dentate margin
for wings.

AMBULYX

- A.pagana, Fabr. a pinkish Larva on Pongamia.
brown stout insect.

ACOSMERYX

- A.ancea, Gr. On Sesbania aegyptiaca.

CHAEROCAMPA - HIPPOTION.

- C.alecto, Linn. a large
brownish moth with pink
and dark patches in hind
wings.
- C.theylia, Linn. a greyish Larva on wild flowers.
brown moth with pinkish
hind wings - smaller than
C.alecto.
- C.celerio, Linn. (Hippotion At light. At dusk on flowers.
celerio) a dark grey moth On yam leaves, grape-vine and
with a white streak along on Boerhavia.
fore wing and pink and
dark patch on hind wings.
- C.oldenlandiae, Fabr. a On Colocasia.
greyish moth with a dark
and white streak along
upper wing.
- C.butus, Wlk. a greenish Larva on grape-vine.
grey moth-rather stout.

DEILEPHILA

- D.nerii, Linn. a stout olive The oleander hawk moth -
green moth. larva on oleander leaves.

RHYNCHOLABA

- R.nessus, Drury, a greenish
brown large moth.
- R.actens, Ct. - a grey moth
(smaller) with green patches.

HERSE - PROTOPARCE.

- H.convolvuli, Linn. The sweet potato sphinx moth.

THAMNOECHA

- T.uniformis, Butl. a dark On ground.

T.uniformis, Butl. a dark On ground.
grey moth with dark oval
border on dorsal side of
thorax.

PSEUDOSPHINX

P.discistriga, Wlk. same
as above, but darker in
colour.

RHOPALOPSYCHE

R.bifasciata, Butl. a dark On Morinda tinctoria.
grey small moth with a
yellow patch on hind
wing with dentate margin.

MACROGLOSSUM

M.vialis, Butl. a small Larva on Morinda tinctoria
moth. leaves.

M.gyrans, Wlk. a small Larva on Morinda tinctoria.
dark grey moth with
dark pink hind wings
with an anal tuft.

CEPHONODES

C.picus, Cr. a stout moth
with hyaline wings.

LYMANTRIDAE.

ORGYIA.

- O.postica, Wlk. The tussock moth found on
castor; female apterous.

THIACIDAS

- T.postica, Wlk. a stout Larva on Zizyphus jujuba
Noctuid like dark moth leaves.
with black wavy lines
across anterior wing.

DASYCHIRA

- D.horsefieldi, Saund. a Coimbatore.
smaller moth.
- D.(Olene) mendosa, Hubn. Larva on castor.
Larva like Orgyia.
- D.securis, Hubn. whitish Larva is the yellow hairy
moth. caterpillar of paddy.

EUPROCTIS

- E.semisignata, Wlk. a yellow
slightly large moth with a row
of dark dots across the middle
of upper yellow wing.
- E.fraterna, Moore. The larva is the red hairy
caterpillar of castor found
also on rose and pomegranate
and Ber leaves.
- E.icilia, Stoll. a golden
winged moth with grey
patches on upper wing.
- E.dana, Swinh. a small Larva on Daincha.
yellow moth.
- E.scintillans, Wlk. Larva on gogu.

PORTHESIA

- P.xanthorrhoea, Kohl. a Larva on plantain, cane and
whitish moth like Scir- and paddy.
pophaga.

PERINA

- P.nuda, Fabr. moth Larva on Ficus glomerata,
with transparent wings. on Ficus spp., and on F.casica.

L I M A C O C I D A E.

THOSEA

- | | |
|-------------------|--------------------------------|
| T.cana, Wlk. | Found at light. |
| T.cervina, Moore. | Attaching tea in S.Travancore. |

NATADA

- | | |
|-------------------|-------------------------------------|
| N.nararia, Moore. | Larva found on Pithecolobium dulce. |
|-------------------|-------------------------------------|

PARASA

- | | |
|--|---|
| P.lepida, Cr. a green winged short stout moth. | The larva is the castor slug - found also on mango, wood apple, pomegranate, etc. |
|--|---|

ALTHA

- | | |
|-----------------------------------|-----------------------------------|
| A.nivea, Wlk. a white stout moth. | Larva on castor, wood apple, etc. |
|-----------------------------------|-----------------------------------|

E U P T E R O P T I D A E.

EUPTEROTE

E.fabia, Cr.

Found at light.

E.mollifera, Wlk. a large
yellowish moth.

The hairy larva is found
chiefly on moringa leaves and
stem and often in thousands.

P S Y C H I D A E.

PSYCHE

P.vitrea, Hmps.

Larva on castor.

CHALIOIDES

C.vitrea, H.

Bred on tamarind.

PTEROMA

P.pal plagiophleps, H.

Bred on tamarind.

G. E O M E T R I D A E.

EUMELEA

E.rosalia, Cr. a large
pinkish yellow moth
with slender body.

CRASPEDIA

C.minorata, Boisd.

~~EUSCHEMIA~~ EUSCHEMIA

E.palmyra, Stoll. a blue Found at light.
and green large moth.

HYPOSIDRA

H.successaria, Wlk.-a Larva found on Mahogany leaves.
chocolate coloured
moth.

THALASSODES

T.quadraria, Guen, a light Larva on mango.
indigo colored large moth.

T.semihyalina, Wlk. On Pithecolobium, Samalkot.

HEMITHEA

H.dispuncta, Wlk. similar to
the above with a pink spot
on each wing.

PRIONIA

P.squalidaria.

MCACARIA ✓

(Same collection)

M.fasciata, Fabr. a greyish
moth with a white band
across both the wings.

NAXA

N.parvipuncta, Pract. Calicut.

BORBACTA

B.pardaria, Guen. On pepper leaves, Taliparamba.

CHLORISSA

C.fiscessa, Wlk. On tamarind shoots, Coimbatore.

COLUTO CERAS

C.dentata, W. Small green moth on mango.

PINGASA

P.dispensata, W. A pale grey winged moth on
mango and Zizyphus leaves.

BERTA

B.chrysolineata, Wlk. On castor leaves.

Boarmia
Schizosema
Yponomeuta
Heterocampa
Heterocampa
Heterocampa

SEMIOTHISA

- S.pervolgota, Wlk. On Sesbania.
S.streniotaria, Wlk. On Sesbania.

GYMNOSECLIS

- G.imparatilis, Wlk. On mango flowers.

CLEORA

- C.cornaria, Guen. on Neem.

S A T U R N I D A E.

ACTIAS

- A.selene, Hubn. the large Larva found on Odina wodiya.
moon moth.

ATTACUS

- A.atlas, Linn. The big atlas moth.
A.ricini, Boisd. The eri silk moth.

ANTHERAEA

- A.paphia, Linn. The Tassar silk moth - larva
found on wild trees.

E P I P Y R O P I D A E.

EPIPYROPS

- E.eurybrachydes, F. on cotton Eurybrachis.
E.sp. On mango hopper.

M I C R O L E P I D O P T E R A.

U R A N I D A E.

MICRONIA

M.aculeata, Guen. a white slender moth with large thin white wings with cross pale grey lines across - a dark border line on hind wing and a pointed process and dark spot like a Lycaenid.

PSEUDOMICRONIA

P.aculeata, Guen. Taliparamba.

T H Y R I D I D A E.

DYSODIA

D.viridatrix, Wlk. a stout Larva found on Capparis
greenish moth with short diversifolia
wings.

D.ignita, Wlk. - similar to Larva on Crateva religiosa.
former but brownish grey
in colour.

STRIGLINA

S.scitaria, Wlk. On Cassia corymbata, Coimbatore.

GRACILLARIDAE.

EPICEPHALA

- E.chalybaenia*, Meyr. Larva is a borer in flower buds of *Caesalpinia* - the white cocoons are characteristic.

GRACILLARIA

- G.soyella*, Cr. Caterpillar rolling redgram leaves.

CYPHOSTICHA

- C.coerulea*, Meyr. Larva mines into lablab leaves.

ACROCERCOPS

- A.telestis*, Meyr. Larva mining *Trewia* leaves.
A.syngamma, Meyr. On mango leaves.

C O S S I D A E.

DUOMITUS

- | | |
|---|----------------------------------|
| D.leuconotus, Wlk. a large stout dirty dark brown moth with dark lines and patches. | Called the goat or leopard moth. |
|---|----------------------------------|

AZYGOPHLEPS

- | | |
|---|--|
| A.scalarlis, Fabr.-a stout moth with white and brown spots. | The stout white larva boring into stems of Daincha and agathi as a pest. |
|---|--|

ZEUZERA

- | | |
|-------------------|---|
| Z.coffeae, Nietn. | Stout smooth red-brown larva boring into stems and branches of coffee, tea, etc., in the hills of Coimbatore. |
|-------------------|---|

P L U T E L L I D A E.

PLUTELLA.

- | | |
|--|--|
| P.maculipennis, Ant., the diamond back moth. | Larva pest of cabbage, radish leaves and other Cruciferae. |
|--|--|

C O S M O P T E R Y G I D A E.

ANATRACHYATES

- | | |
|------------------|--|
| A.simplex, Wlsm. | Larva found in dry cotton bolls, on maize cobs, etc. |
|------------------|--|

PYRODERCES

- | | |
|-------------------|--|
| P.albiniella, Dw. | Caterpillar in Cassia corymbosa and Albizzia and Tephrosia pods. |
| P.coriacella, S. | Found on cotton bolls. |
| P.falcatella, S. | On Custard apple. |

COSMOPTERYX

- | | |
|-------------------|---------------------------|
| C.mimetris, Meyr. | Larva on lab-lab creeper. |
|-------------------|---------------------------|

S C Y T H R I D I D A E.

SCYTHRIS

- | | |
|--------------------|-------------------|
| S.nivicolor, Meyr. | Larva on brinjal. |
|--------------------|-------------------|

T I N E I D A E.

M.hemicitra, MONOPIS.
Meyr. Reared from Mantis eggmass.

TINEA

T.pellionella, Linn., Attacking woollen goods,
the clothes moth. blankets, etc.

HAPISFERA

H.seculusella, Wlk. Reared on cattle manure.

DASYSES

D.rugosellus, Stt. Reared from Papaya stem.

RHITIA

R.trimaculella, Gnell. Reared from larvae found on
dead rabbit.

COMMOTRIA

C.spurcella, Reg. boring into ragi stems, Coimba-
tore.

SETOMORPHA

S.rutella, Zell. in rotting Papaya stems,
Coimbatore.

PSOROSTICHA

P.zizyphi, Staint. On Triphasia aurantula, AGR, CBE.

IDIOBROTIS

Idiobrotis oxygrapha, Meyr. On Alanguin sabfolium leaves,
Coimbatore.

C A R P O S I N I D A E.

MERIDARCHIS

M.scyrodes, Meyr. small Red caterpillar boring Eugenia
dark brown moth. jambolana galls - boring into
Zizyphus fruits.

G E L E C H I A D A E .SITOTROGA

S.cerealella, Oliv.

The well known grain moth found in paddy, cholam, etc.

AUTOSTRICHA

A.exemplaris, Meyr.

Reared from refuse in fork of Tamarind trees.

DICHOMERIS

D.ianthes, Meyr.

Reared on lucerne and Sannhemp leaves.

PTHORIMEA

P.operculella, Z.

The notorious potato borer moth.

P. blapsigona, Meyr.
a small brownish moth.

The caterpillar is the brinjal bud worm.

P.heliopa, Low.

Larva bores into tobacco stem.

PLATYEDRA

P.gossypiella, Saund. a blackish brown moth.

The caterpillar is the well known pink bollworm of cotton.

LECITHOCERA

L.efferea, Meyr.

Larva webbing sweet potato leaves.

L.engrapta, Meyr.

-do-

-do-

STEGASTA

S.variana, Meyr.

STOMOPTERYX

S.nerteria, Meyr. a small moth.

The caterpillar is the groundnut 'surul' puchi.

EPITHECTIS

E.oschophora, Meyr.

Larva on cholam stubbles.

PARASPISTES

P.palpigera, Wlsm.

Larva on indigo and Cassia corymbosa pods.

ANARSIA

A.sp.

Folding redgram leaves and ragi earheads.

CORCYRA

C.cephalonica, Dunt.

Stored cotton seeds.

PITYOCONA

P.xeropsis, M.

Webbing paddy ears.

DACTYLETHRA

D.candida, St.

On wild indigo

CHELARIA

C.ephippiostes, Meyr. N. to B.M. 297/36. On Tamarind leaves.

LYONECTIDAEOPOGONA

lavofasciata, Stt.

Larva on lab-lab.

p.

On sugarcane leaves.

PHYLLOCNISTIS

oparcha, Meyr.

Larva mining grape-vine leaves.

itrella,

Caterpillar is the citrus leaf miner.

agnopa, Meyr.

Larva mining Ailanthus leaves.

BLASTOBASIDAEHOLCOCTERA

pulveria, Meyr.

Reared from galls.

EUCOSMIDAELASPEYRESIA

aurantiana, Meyr.

Larva on grass and wild
castor.

tricentra,

Larva in cowpea pods.

pseudonectis, Meyr.

Larva on horsegram and green
gram pods.

torodelta, Meyr.

Larva boring into lab-lab vines.

EUCOSMA

critica, Meyr.

Larva webbing redgram leaves
and shoots.

balanoptycha, Meyr.

Larva on Pongamia leaves.

LOBESIA

aelopa, Meyr.

Larva on lantana leaves and
castor pods.SPILONOTA

rhothia, Meyr.

Reared from mango leaves.

ARGYROPLOCE

cellifera, Meyr.

Boring into Zizyphus fruits
CBE 104/36.

iilepida, Meyr.

Larva boring soapnut fruits,
wood apple, etc.

aprobola, Meyr.

Larva rolling tender mango and
tamarind leaves.

centropis,

Larva on Cordia fruits.

erotias, Meyr.

Larva on buds of calophyllum.

ACROCLITA

cheradota, Meyr.

Reared from Ficus religiosa.

CROCIDOTEMA

lebeiana, Zoll.

Boring into Abutilon pods CBE 71/36.
200/36.

HELIODINIDAEERETMOCIERA*E. impactilla*, Wlk.

Found at flight.

E. rubipennis, Meyr.STATHMOPODA*S. ovigera*, Meyr.Larva found on *Ficus glomerata*
beautifully spotted grey moth.*S. theoris*, Meyr.Larva on custard apple,
rotting cotton boll, castor, etc.*S. hemitorna*, Meyr.Larva found in refuse in fork
of Tamarind trees.*S. sp.*Predacious on *Icerya purchasii*
on wattles in Peti.*S. anconias*, Meyr.

Boring into Banian fruits. CBE 95/35.

P T E R O P H O R I D A EEXELASTES

E.atomosa, Wlsm.

Grain plume moth. Larva feeds on redgram and lab-lab pods.

PLATYPTIDIA

P.pusillidactyla,

Larva on lentana.

BUCKLERIA

B.defectalis, Wlsm.

Larva on bottle-gourd.

SPHENARCHES

S.caffer, Z.

The gourd plume moth.

PTEROPHORUS

P.lienigianus, Z.

Larva on brinjal.

HYPONOMEUTIDAE

fabriciella, Swed. ;

ATTEVA

Larva on Sapindus trifoliatus
flowers and webbing Ailanthus
leaves.

XYLORYCTIDAENEPHANTIS

.serinopa, Meyr. a pale
white moth.

The larva is the well known
black-headed caterpillar of
coconut- often a pest.

OECOPHORIDAEPSEUDODOXIA

.albinea, Meyr.

TONICA

.zizyphi, S.

Larva found as citrus
leaf folder.

HYDROCAMPINAEMUSOTIMA

.suffusalis, M.

A very small beautifully colored moth on
maiden hair fern.

AEGERIIDAE

ageria flava, Moore.

Boring into quinces, Coonoor.
219/36.

GLYPHIPTERYGIDAEPHYCODES

P. radiata, Uch.

Larva on *Ficus* leaves.

SIMATHIS

S. orthogona, Meyr.

On *Convolvulus*

R H O P A L O C E R A .

Family - Nymphalidae.

DANAIS

lexippus, Linn.

rysippus, Linn.

(on Calotropis leaves)

niac, Cr.

Near garden flowers.

(a dark grey butterfly with greenish white hyaline patches)

EUPLOEA

reta, Gdt.

re, Cr.

On an Euphorbeaceous plant.
Nerium plant.MYCALESIS

rseus, Fabr.

(Similar to Melanitis ismene but smaller in size)

neus, Linn.

(Similar to former but with a tuft or tussel or pencil of
whitish hairs (sensory) on each hind wing (in one six i.e., o)YPHIMA

vanta, Moore.

small grey butterfly with one large white edged dark oval ocellus
on each upper wing and two similar but smaller spots on each hind wing)

uebneri, Kirby.var.ceylonica. Coimbatore.

(similar to former but with three dots on hind wing)

MELANITIS

smene, Cr.

on paddy

EULEPIS

thamas, Drury.

greyish dark butterfly with a pale yellow continuous patch on both
wings with two tail like processes on each hind wing)

rja, Feld.

(similar to former)

EUTHALIA

aruda, Moore.

On mango.

NEPTIS

urynome, Westw.

On Ipomaea.

white banded butterfly.

small dark medium sized insect with three cross continuous rows
of white patches on wings and another along wing margin)

JUNONIA

- a, cr.
(a dark grey insect similar to Euthalia)
- ias, Linn.
(a greyish butterfly with a dark orange edged spot on each wing, upper and lower)
- ya, Linn.
(a dark and indigo butterfly similar in size to former but with similar spots in each wing upper and lower)
- a, Fabr.
(a yellow and dark butterfly with a violet or indigo patch in hind wing in one sex)
- a, Linn.
(a pinkish insect with one eye spot on each wing, the one on hind wing being much larger)

VANESSA

- i, Linn.
(insect mottled with white, dark and pink patches and dots)

HYPOLIMNAS

- a, Linn.
(o mimicking Euplea core- but larger in size, o dark with an indigo edged white blotch on each wing, upper and lower)
- pus, Linn. on weeds and grasses.
(o mimicking Danais chrysippus, o dark with a white blotch on each wing)

KALLIMA

- a horsfieldi, Koll. N.Malabar, Taliparamba. 128/35.

ATELLA

- antha, Drury.
(a deep yellow insect with a number of dark markings)

BYBLIA

- ya, Drury.
(a yellowish brown insect with dark patches on wings, fairly common)

ERGOLIS

- ne, Joh.

- one, Cr.

Castor.

TELCHENIA

- a, Fabr.
(a yellowish red butterfly with dark marks and a dark white spotted border for hind wing)

Family--P I E R I D A E

DELIAS

ucharis, Drury. Malabar
white yellow butterfly with underside of hind wings Madanapalle
with yellow and red markings)

ANAPHOEIS

esentina, Cr. On Capparis diversifolia
and on Macrura arenaria, leaves.
white insect with dark edged wings with wider surphace spotted
with yellow)

HUPHINA

erissa, Fabr. On Capparis diversifolia.
(similar to former but with dark lines on wings)

IXIAS

ylene, Linn.
(a yellow insect with pinkish yellow marks enclosed by a dark
patch on upper wing)

erianne, Cr.
(similar to former but white wings instead of yellow)

APPIAS

bythia, Fabr. On Capparis and Crateva.

ppo, Cr. On Crataeva religiosa.

CATOPSILLA

rocabe, Cr. On Divi divi tree.
(a yellow butterfly with a diffused yellow at base of wings)

rranthe, Linn. Cassia, Daincha.
Almost white with greyish dark edged on anterior wings, common
Cassia white butterfly)

TERIAS

rocabe, Linn. On Daincha.
small yellow grey or dark edged- small yellow Daincha butterfly,
sometimes pest of species of Daincha)

COLOTIS

nata, Fabr. On Capparis leaves.
small butterfly with pink wings with dark edges, rather common)

usta, Ol.
(race) tripuncta, Butl.

ucharis, Fabr.
(white small butterfly with yellow tips for anterior
wings).

rida, Bois.
(similarly white and small but pink tips for anterior wings)

nae, Fabr.
(similar to butfrightcrimson tips of anterior corner of forewing)

- SPALGIS
 Bredator on mealy bugs
- ZIZERA
 A small coppery butterfly.
- CHILADES
 On tender orange leaves.
 (a purple small butterfly with distinct eye spots and tail)
- TALICADA
 (a dark winged insect with pink patch on hind wings - under surface spotted).
- CATOCORYSOPS
 On black gram
 (a light coppery insect)
- TARUCUS
 On Ber leaves (Zyzyphus)
 (a coppery insect with white spots) - 240, 241/~~36~~.36.
- CASTALIUS
 (white butterfly with dark or grey large marks)
- POLYOMMATUS
 Cowpea pods, Sunnhemp pods.
 (a coppery butterfly larger than Catocorysops)
- CURETIS
 On Pongamia leaves. 100 and 101/35.
 (a greyish dark (Nymphalid like) butterfly with a white blotch in middle of each wing (like o of some Nymphalids))
- APHNAEUS
- VIRACHOLA
 Pomegranate fruit borer,
 Orange borer,
 Apple fruit borer,
 Tamarind fruit borer and
 feeding on red gram top shoots.
- RAPALA
 With reddish brown wings having dark margin.
- ARHOPALA
 big shining violet blue butterfly.
- LAMPIDES
 on Daincha leaves. CBE - 242/36.

Family - PAPILIONIDAE

PAPILIO

- os, Cr. Maruthamalai (1,600 ft)
 large dark butterfly with yellow patch divided by
 dark lines)
- tor, Linn. On Aristolochia leaves.
 Palmyra leaves.
 (a dark butterfly with pink head and tip of abdomen- anterior
 wings have two white patches across and front wings having
 a number of red spots or marks)
- stolochiae, Fabr. On Aristolochia and gogu.
- oleus, Linn. On citrus.
- ytes, Linn. On Murraya leaves
 On orange leaves
 On Toddalia aculeata
 Citrus leaves.
- memnon, Linn. - On Michaelia champaka

Family - HESPERIIDAE

PARATA

...kis, Fabr. On Pongamia leaves in numbers.
 (a dark greyish skipper looking like paddy skipper or without
 a pair of white transparent (Hyaline) spots or marks on each
 forewing)

TAGIADES

...igiosa, Mosch.
 (a brownish dark skipper with a white large patch
 on hind wings)

SPIALIA

...ba, Fabr. On cholam, cotton.
 (a small skipper brownish dark in colour with a
 number of white marks or dots in fore and hind
 wings)

TARACTROCEIRA

...vius, Fabr.
 (similar to former with dots less numerous)

AMPITTIA

...scorides, Fabr. (on paddy)
 small skipper (like sugarcane one) greyish dark
 with yellow patches on fore and hind wing)

IAMBRIX

...sala, Moore.

SUASTUS

...emius, Fabr. (Palmyrah)
 (similar to P.alexis but less stout)

GANGARA

...yrsis, Fabr. On coconut and cane leaves.

UDASPES

...lus, Cr. On turmeric.

TELICOTA

...gias, Linn. Sugarcane.

CHAPRA (PARNARA)

...thias, Fabr. Paddy

(similar to P.alexis but smaller having white spots
 on both upper and lower wings)

HASARA

...ra alexis On Pongamia leaves.

THE INSECT FAUNA OF COIMBATOREO R T H O P T E R AFamily - BLATTIDAE

PERIPLANATA

P. americana, L.

a common domestic American species found in most places and very familiar household pest- gnawing into variety of articles.

P. australaseae, Fab.

very similar to but less common than *Americana*- a little smaller than *P. americana*- found in houses.

STYLOPYGA

S. rhombigolia, Stol.

a wingless form found in houses; found also in Ceded Districts, Mysore and N. India.

HETEROGAMIA

H. indica, Walk.

found in plenty under fallen leaves; also noted in Bellary, Godaveri and Nandyal.

LEUCOPHAEA

L. surinamensis, Burm.

Noted also in Malabar, Calicut and Pusa.

CORYDIA

C. petiveriana, L.

the common spotted cockroach; a fairly common species found on grass (dark creature with tegmina having white spots)

PHYLLODROMIA

P. supellectilium,

found amidst dry brinjal leaves.

P. germanica, L = *Blattella germanica*, L.

BLATTA

B. humbertiana, Sauss.

THORAX

T. porcellana, Sauss.

a thickset brown insect with a convex upper surface.

SUPELLA

S. supellectilium, Serv.

found in stores.

Family - MANTIDAETENODERA

ata, Ol.

on the ground.

HESTIASULA (Hertianla?)

eri, Sauss.

GONGYLUS

loides, L.

✓ fairly common- the mantis with leaf like appendage noted on young coconut palms.

HIERODULA

anacea, Burm.

comes to lights- the common green spotted mantis. ✓

oodi, ?

SCHIZOCEPHALA

nis, L.

slender elongate form.

DEIPHOBELLA

eps, W.mas.

HUMBERTIELLA

fairly common- brown mantis found on tree trunk.

STATILIA

Sauss.

a grey brown form.

ODONTOMANTIS

small greenish form.

PARATHESPIS

rtiana, S.

a slender grey form.

Family - PHASMIDAE

TRACHYTHORAX

.planiceps, Redt.

life history worked out by Dr.T.V.R.
Bombay Journal 1913 XXII.pp.641-42.
Plate. a brown elongate form.

CLITUMNUS

.cuniculus, Westw.

a slender form.

PHYLLIUM

scythe, Cr.

the leaf insect found in the neigh-
bouring hills only.

Family - TETTIGONIIDAE

GRYLLACRIS

frontalis) latifrons, Bur.

ladiator, Fb.

found hiding inside coconut leaves.

ivea, ?

SATHROPHYLLIA

ugosa, L.

a good example of protective coloration very common on the grey barks of trees with a dagger like dark brown ovipositor.

MORISMUS

arinatus, Wlk.

with long slender antennae and bright green leaf like wings- often found at lights- widely distributed in the province.

MECOPODA

longata, L.

a stout form with cryptic coloration- also found in Coorg and Shevaroy (4500 ft.)

LEETANA

p. nov. (Uvarao, Det.)

on margosa leaves.

PLANEROPTERA

oseata, Wlk.

TRYGONOCORYPHA

nicolor, Wlk.

some to lights.

HOLOCHLORA

o.

XIPHIDION

culatum, Guill.

a small sized brown form.

Family GRYLLIDAE

GRYLLOTALPA

rtilla) africana, Pal.

common in moist ground and damp situations- called the mole cricket- fairly well distributed in the province.

LIOGRYLLUS

aculatus, Deg.

dark colored crickets found in the fields, under stones and on the ground in groundnut fields, etc. reported to be found feeding on an adult specimen of Colemania in Bellary (Hadagalli)

OECANTHUS

icus, Sauss. ✓

fairly common in tobacco fields also noted in same situations in Bellary, Godavery and Kistna districts; seen on plants infested with aphids suspected to be of predatory habits. *Seen at Pothabani - Sagar also on tobacco.*

GRYLLUS

aceous, Wlk.

entalis, Fb. ✓

at light.

SCELIMENA

pagi, Ser.

a stout dark form- very common- semi aquatic- found in tanks and wells and in Noyal river.

inata, Ser.

also in Tinnevelly and Shevaroy's (5000 ft)

CRIOTETTIX

carinatus, Bol.

ACANTHOLOBUS

inatus, Bol. = Tettia inornata, Walk.

EUPARATETTIX

ripes, Bol.

has a wide distribution all over India- comes to lights.

erruptus, Br.

originally noted from Burma; comes to lights.

PARATETTIX

er, Th.

found in Africa also.

cus, Bol.

noted in Madras and China before.

HEDOTETTIX

ilis, De.H.

Noted in Mysore and Coorg.

ACRIDA

icollis, Bol.

a very common form- looks very much like A.ansuta, L.-noted in various places in the province on different crops.

oris, Burr.

Noted also in Kashmir.

tata, Walk.

according to Uvarao same as A.brevicollis, Bol.

alis)turrita, L.

Often occurs in numbers(A.exaltata?)

ACRIDIELA

ca, L.

a very common form with pinkish wings on grass lands- being also found in South Europe, Africa and Ceylon.

PHILAEOPA

tipennis, Bol.

noted also in Madras and Trichy.

LEVA

a, Bol = Gymnopothrus indicus, Bol.

common on grasses;

ata, Bol.

very common with a wide distribution in the province.

AEOLOPUS

AEOLOPUS

pacromia) *affinis*, Bol.

has a wide distribution being found all over the province and also in Bombay - sometimes found on cereals (paddy, cumbu, etc., in Coimbatore)

amulus, Fabr.

another common form with wide distribution.

CHLOEBORA

ramina, S.

stout reddish to dark brown insects.

MORPHACRIS

itrina, Kirby =

M.fasciata, Th.

DITTOPTERNIS

eylonica, Sauss.

from Marudamalalai hills.

HETEROPTERNIS

espondens, Wlk.

noted on paddy nursery in Gobi-chetti-palayam; also noted in the Nilgiris and Shevaroyes.

OEDALEUS

igrofasciatus, Sauss. found in groundnut etc., and fairly common.

ruptus, Th.

found all over S.India - a smaller form than *O.senegalensis*.

senegalensis, Kr.

GASTRIMARGUS

marmoratus, Th = *Oedaleus marmoratus*, Th.

LOCUSTA

igratoria, L.*phisolitaria*.

anicus, L (*L.danica*, L.) noted in paddy nurseries in Coimbatore and Gobichettipalayam.

TRILOPHIDIA

urpis, Wlk
pacromia turpi) Wlk.

one of the common surface grasshoppers - comes to lights - widely distributed in the province.

ACROTYLUS

umbertianus, Sauss.

a common specimen with a wide distribution.

CHROTOGONUS

ausseri, Bol.

one of the commonest ground grasshoppers found on various crops in young stages; has a wide distribution in the province.

isepes, Bl.

uscescens, Kirby
= *C.brevis*, Bol.

??

AULARCHES

iosae, F.

a spotted grasshopper usually found in coffee estates - noted also on cotton and in cane fields in different places in the province.

aris, L.

common in coffee districts; noted on coconut, coffee and Erythrina.

POECILOCERUS

us, F.

commonly called calotropis grasshopper or painted grasshopper; a dark colored insect with greenish markings and yellowish red wings- fairly well distributed in the province.

PYRGOMORPHA

ca, Oliv.

a fairly common form; noted in paddy nurseries in Gobichettipalayam- well distributed on a variety of crops in the province.

ATRACTOMORPHA

ulata, F.

a minor pest of tobacco- widely distributed throughout the province.

ura, Bol.

It is of darker grey color than A.crenulata- fairly common.

ORTHACRIS

iceps, Bol.

greenish with a yellowish dark strip on either side; generally found on grasses- the commonest wingless grasshopper with a very wide distribution in the province; commonly found on brinjal, wheat, etc.

lans, Bol.

Noted in Kollegal.

ans, Bol.

OXYA

x, Fb.

known as the small grasshopper of paddy found on a variety of crops chiefly cereals; occasionally a pest of paddy most widely distributed throughout the districts of the province.

HIEROGLYPHUS

an, F.
(urcifer, Serv.)

a major pest of paddy in some parts - has a wide distribution in the province affecting a variety of crops such as paddy, cholam, maize, sugarcane, etc.

o repletes, Bol.
H.beltoni, Kirby)

with dark marks on sides of thorax.

SPATHOSTERNUM

iniferum, Wlk.

a fairly common species- well distributed in the province.

TRISTRIA

rta, Stal.

ORTHACANTHACRIS

scens, F. Marudamalai hills.
Anacrideum flavescens, F.??)

ncta, L. This is known as Bombay Locust- occasionally found.

CYRTACANTHACRIS

ea, Stoll. a stout built grasshopper found on cotton, groundnut, redgram, brinjal, etc., popularly known as Madras Locust- very widely distributed all over the province.

ica, L. = *Schistocerea tatarica*, L.

EPISTAURUS

yi, Bol. small sized insect rather rare in Coimbatore - noted also in Malabar and Nilgiris.

GERENIA

lis, Wlk.

CATANTOPS

nans, Wlk.

cus, Bol.
 umitis, Serv.) a fairly common insect often found on a number of miscellaneous crops such as cotton, cumbu, groundnut, etc. very widely distributed in the province.

.innotabili, Wlk. = *C. humitis*, Serv. by Kirby.

BRACHYXENIA

ifera, Wlk. a stout built short creature rather in Coimbatore.

CALOPTENOPSIS

serei, Mart. *C. nisignia*, Wlk.

rifer, Wlk.

copsis, Wlk.

EUPREPOCNEMIS

ris, Serv. fairly common form- noted on paddy - comes to lights - widely distributed in the province.

THISOECETRUS

cher, Bol. = *Euprepocnemis pulchra*, Bol.

ORDER - R H Y N C H O T A.Sub order - H E T E R O P T E R AFamily - PENTATOMIDAE
---BRACHYPLATYS

r. Voll.- a dark
ng beetle-like bugs
on agathi on paddy
ings.

ipes, Mortana.

On Sannhemp.

i, Fabr.

(on Odina wodyar, brinjal, daincha,
agathi, redgram)
found in large numbers on agathi.

COPTOSOMA

arium, Fabr.
nest sp. found as a
on Legumious crops
ly on garden lab-lab.
history refer to B.
al (1912)

On lab-lab, redgram, Sesbania,
aegyptiaca, agathi, Zizyphus
jujuba.

ae. Atk.- much
r, dark with a yel-
brown harder round
(and abdomen) Noted
Ent.Meet.Rept.p.325
l.10.

On redgram-- rather rare in

um, Leth.

(on redgram)
(on Pongamia)
Alysicarpus raginclis

sum, Dist.
ll greyish green
s. A Coccinellid
predacious on this.
t.Meet.Rept.p.325.

Bolampatty (on Butea)

SOLENOTETHIUM.

punctatum. Guer.
ark brown leathery
with red spots
22) (common) on
and scutellum.

On mulberry.
Agathi

CANTAO

atus, Thunb.
inkish elongate insect
varying in color with
of acute thoracic
and dark scutellum.

On Trewia- common.

al sollicitude broods over its (Life history by T.V.R.
eggs) (In the plate Proc.Ent.Meet.

SCUTELLERA

ilis, Fabr.
elongate metallic
or green bug with
spots on scutellum)

Present

Sucking fruits of Phyllanthus
(The Indian myrabolan)

CHRYSOCORIS

ckerus, L. also
lic blue or green
deep marks on
llum.

(rare)
Also in Maruthamalai

pureus, Westw.-
Metallic blue & green
ng- 7 marks on seutellum-
tle bigger than C.stockerus-
common species with a
wide distribution in the
nce found on Jatropha &
bushes.

(not abundant)

ginellus, Westw.
ilar to previous sp. but
a greater number of marks
utellum.

On mulberry.

ARCTOCORIS

isus, Stal??

PODOPSSTIBAROPUS

latus, Sch.

(Satyamangalam-Coimbatore)
a pest on tobacco roots-
feet adapted for digging
in soil.
Ref: Bull.Ent.Res.p.

PHRICODUS

rix. Guer.

(at light) on gingelly.

SCIOCORISLAPRIUS

cornis, Dall.

AELIOMORPHA

neaticollis, Westw.

On chořam

ADRIA

rvula, Dall.

MECIDEA

dica, Dall.

On omum
On grass.CAPPAEAprobancusis, Dall.
A medium sized bug
ly distinguishable by
grey wavy lines over
body)

On coffee and citrus

HALYOMORPHA

cus, Fabr.

Common (on Passiflora - passion
flower)CARBULA

cia, Walk.

guhata
p. small bugs with two
e spots on either end
ase of scutellum.Marudamalai (1,600 ft)
At light
At lightPLAUTIA

mbriata, Fabr.

In fairly large numbers.

ANTESTIAuciata, Fabr. a very
mon bug- sometimes a
t of Jasmine.
Y.R.Rao- Life-history.On castor (at light)
(On Jasmine flowers)
coffeeGYNENICAfinis, Dist.
rownish dark bug with
prominent thoracic spines)Fairly common
(on Barlaria cannon)AGONOSCELIS

bila, Fabr.

Fairly common - found on
the flowers of cereals.

speciosum, Dall.

STENOZYZUM

On crataeva religiosa

immaculata, Dist.

TOLUMNIA

At light

indicus, Stal.

DOLYCORIS

On ragi, safflower seed capsules, cholam, linseed, wheat, etc. A very common insect found on earheads of cereals, etc.

uttiger, Thunb.

EUSARCOCORIS

On grass.

modestus, Dist.
entralis, Westw.

pp.

on paddy earheads.

ndicus, Westw.

CYDNUS

entatus, Fabr.-a fairly large bug

HALYS

On rain tree at light fairly common on most trees - living under bark having cryptic coloration.

icta, Fabr.
common painted bug
n Coimbatore.

BAGRADA

On Gynanosopsis on all Cruciferae (radish, etc) Cabbage

ces, Stall.
ma, Fabr.

PLACOSTERNUM

In Mettupalayam Kollegal in Coimbatore Dt.

ncarnatus, Drw.- A pretty green bug yellowish brown or greenish in color with bluish spots two at the base of pronotum and two on basal veins of anterior wings.

CATACANTHUS

Common on Trewia and Kigelia pinnata

~~indicus~~

ridula, Linn.
common green plant bug
found on a variety of plants.

NEZARA

Cumbu, Gingelly, cluster beans, castor, ragi, etc. on all pulses --

NEZARA (contd)

raminea, Fabr.
smaller than former sp.

On cholan, Gynandropsis,
On paddy, etc.

PIEZODORUS

ubrofasciatus, Fabr.
A. x brownish small insect
e N. graminea.

Common.
On beans in Coimbatore.

MENIDA

istrio, Fabr.
paddy earhead pentatomid.
small pinkish insect)

On paddy.
Fairly well distributed in South India.

CAZIRA

errucosa, Westw.

318/36. Marudamalai Hills.

CANTHECONA (Canthoconidea furcellata)
Wolff. 19/37.

furcellata, Wolff.

Predator on Athalia
poxuva and caterpillars
Fairly common
Pred on Thiacidas.

ANDRALLIUS

pinidens, Fabr.
inctia spinideus, F?)

Another predator with pale
white lateral lines.

AMYOTEA (ASOPUS)

labaricus, Fabr.

On betelvine. on ground.

*predaceous
on leaf -
coniza acuta*

TETRODA

steroides, Fabr.
A striped paddy bug often
and as a sporadic pest of
ly, a dark brown bug with
a pale stripes.

Common on paddy.
Throughout S. India

Ref: Life-history to Bull. Ent. Research - PNK

ASPONGOPUS

anus, Fabr.
irly stout bug.
ed and black insect chiefly
vegetables of Cucurbitaceae

On brinjal
On ground and on pumpkin.
Throughout S. India

oscurus, Fabr.

found in company with the
previous one.

unneus, Thunb.

op.

TESSARATOMA

yanica, Thunb.
large leathery brown
bug.

CYCLOPELTA

cifolia, westw.
fairly common
t on Erythrina.

On agathi, Sunnhemp
In swarms on Pongamia

Ref: Proc. 3rd Ent.Meeting
Dr.T.V.R.
(two swarming pentatomids)
Throughout S.India.

Family - COREIDAEANOPLOCNEMIS

iana, Fabr. - a
 stout dark brown
 with abnormally deve-
 hind legs - often
 on pulses - rarely

on brinjal
 on cholan -

HOMOTOCERUS

natus, Wlk. - A
 large brownish bug
 a pair of yellowish
 blotches on anterior

minulus, Dall. -
 smaller than the
 common - fairly common.

On cholan.

PETALOCNEMIS

cura, Dall.

On ground, on paddy.

PLINACTUS

cularis, Fabr.

Barhur forests.

CLETUS

punctatus, Westw.

On Amaranthus
 On cholan, etc.
 Fairly common on
 Amaranthus throughout
 the province.

bidiventris, Westw.

Sweet potato, red gram.

p.

CLETOMORPHA

stata, Fabr.

erbyi, Dist.

p.

On cholan
 On Achyranthus aspera.

CRASPEDUM

ermanicum, Dist. -
 A flattened leaf-like
 (yellowish brown)
 curious lateral
 expansions on thorax and
 abdomen.

On Achyranthus aspera.
 (on grass)

CLAVIGRAPALLA

osa, Spin.
common pod bug
ses (rarely a

On redgram, wild bush,
lab-lab. on wheat, on Lantana,
on cotton -

ens.
her sp. found with
vious with sharp
er spins - through-
e province.

On redgram.

DULICHIUS

atus, Kinly.
ant-like bug
g like a nymph
with three branched
s on thorax.

Paddy fields.

LEPTOCORISA

ca, Thub.

On paddy.
A very serious pest of
paddy throughout
S.India on earheads.

EUTHETUS

hellus, Dall.

Often under leaves.

RIPTORTUS

STRIS? Fabr.
etimes serious on
s.

On redgram
lab-lab.

cus, Fabr.

On wheat, redgram,
lab-lab (often to light)

earis, Fabr.
nd with previous spp.

Cowpea, on grasses.

AKBARATUS

neri, Dist.

On paddy, lab-lab,
on wild plant.

CORIZUS

icundus, Sign.

At light.

SERINETHA

ur, Fabr.- a red
dark sp. often
aken for red cotton
g.

On grass, on nim leaf,
on weeds, on
Cardiospermum.

SERINETHA (contd)

.spp. Occasionally
found as predators
on soft bodied insects.

On Cardiospermum, mango.

DASYNUS

.antennalus, Kby

attacking orange trees. Kallar
Nilgiris. 280/36.

LIORHYSSUS

.hyalinus, F.

on Euphorbia hirta, CBE 176/36.

LEPTOCORIS

.abdominalis, F. feeding on fruits of - Travancore. 166 & 171/36.

Leptoglossus

h. membranaceus (Fabr.): on orange, acid
lime, bitter gourd
h. singularis (Fabr.): snake gourd.

Family - BERYTIDAETAPROBANUS

T.spp.

On grass, horsegram, etc.
(on paddy??)METACANTHUS

M.pulchellus, Dall.

(on grasses?)

Family - LYGAEIDAELYGAEUS

militaris, Fabr.
A very common bug
on calotropis.

On calotropis,
on weeds.

hospes, Fabr.
A similar but smaller
sp.- fairly common.

On cholam. sucking withamina
Calotropis. pods CBE 165/36.

GRAPTOSTETHUS

servus, Fabr.

spp.
(on some plant)
Maruthamalai.

argentatus.

at light
directary. 18/37.

GEOCORIS

tricolor. Fabr.
A more or less dark bug
looking like a fly.

on grass, on cholam,
on Zil, on Agathi.

sp.

Pred. on coptosoma cribraria
nyneph 178/36.

OXYCRENUS

laetus, Kirley.
A dusky bug - on
cotton bolls - very common.

On cotton bolls.

APHANUS

sordidus, Fabr.
A dark brown active
bug (oil seeds bug) -
rarely found in the
field - usually in
crushing floor, or
fresh harvested lots.

ARTEMIDORUS

pressus, Dist.

NYSIUS

inconspicua, on Euphorbia hirta. 177/36.

AROCETUS

continctus, Dist.

from mango - flowers 16 and 17/37.
TVS CBE 35
sucking calotropis seeds -
31-3-13.

Family - PYRRHOCORIDAEIPHITA

mbata. Stal.- fairly
common under fallen
leaves.

on cumbu, on Trewia,
under fallen leaves.

PHYSOPELTA

~~ytianxk~~

utta, Burm. fairly
common.

(on Trewia). 173/36.

chlanbuschi, Fabr.
looking like Red cotton
but broader.

on cholam. CBe 164/36.

ODONTOPUS

igricornis, Stal.
A large pink bug with
dark dot on each forewing -
rather rare in the plains.

On cholam.

p.

anguinolentus, A & S

Courtallam and Malabar. 161 and 162/36.

DYSDERCUS

ingulatus, Fabr.
Red cotton bug.

(on Hibiscus micranthus?)
Cotton and Hibiscus sp. 168/36.

ANTILOCHUS

oqueberti, F.

Nilgiri waterfalls. 175/36.

DINDYMUS

enacus, Dist.

Coonoor 170/36.

anius, St.

Pulni hills. 169/36.

MELAMPHAUS

ulvomarginatus, Dhhrn.

160/36. N. Malabar.

DERMATINUS

ugubris, Dist.

Mysore. 174/36.

SCANTIUS

rolucris, Grst.

Mysore. 172/36.

sdercus evaneseens Dist. Kurseong, N. India. 163/36.

olivaceus, F. Coimbatore, 167/36.

Family - TINGIDAESTEPHANITIS

icus, Dist.
ly well
ributed.

MONANTHIA

bulifera, Walk.

lgiriensis, Dist.

eriani, Drake.

North Coimbatore forests.

On cordia leaves, CBE.

URENTIUS

hinus.

On brinjal, on Ocimum.

HARMISDAS

carius, Drake.

on weed.

in Travancore.

Tingis

leesonii

on Gmelina arborea

CORYTHA MA

aggarii

on jasmine

Family - HYDROMETRIDAEMESOVELIA

spp.

In a well in Coimbatore.

HYDROMETRAgreeni, Kirk. a very
delicate elongate
insect.

(at light) ✓

GERRIS

nadyomene, Kirk.

in paddy fields.

ossarum, Fabr.

In a well.

PTILOMERAaticaudata, Hardw.
A common form found in
all streams also.

in water

Family - REDUVIIDAEPYGOLAMPIS

foeda, Stal.

at light.

STACCIA

diluta, Stal.

CAUNUS

farinator, Rent.

at light.

PASIRAperpusilla, Wlk.
A smallbrown insect.

at light.

ACANTHASPIS

quinquepinosa, Fabr.

preying on a winged ant.

bistillata, Stal.
var. picina, Stal.

angularis, Stal.

siva, Dist.

CONOPHINUSrubrofasciatus, de guer.
Found in houses -
suspected disease carrier.

at light

ECTOMOCORIS

quadriguttatus, Fabr.

on ground, at light,
on maize.CALPHURNIA

reticulata, Dist.

Attracted to light.

PIRATES

affinis, Serv.

At light.

quadrinotatus, Fabr.

CBE. 28/37.

PTILO CERUS

montandoni.

(at light)

RHINOCORISR. fuscipes, F. Pred on Laphygms. Chirala 356/36.
R. maryinatus, F. at light, Bellary. 23/37.
R. squalus, Dis. Krishna District. 22/37.ECHTRYCHOTESE. dispar, Rent. CBE. 24/37.
E. sp. not in B.M. Coorg. 26/37.LOPHOCEPHELA

L. guerini, Cast. Tanjore. 25/37.

SCYANUSS. collaris, F. Aduthurai. 21/37.
S. indagator, St. from Chitagathi, 1936. 20/37.PANTHOUS

P. bimaculatus, Dist. Travancore. Tenmalai. 27/37.

Family - ANTHOCORIDAEMONTANDANIOLA

tripodes
Bug predator on
thrips.

TRIPHLEPS

pp.

RANATRA

longata
fairly common in ponds
streams with long fragile
bs.

Family - SALDIDAEVALLERIOLA

icindeloides, D. Very active small insect found in moist
situation in outhouses etc.

FAMILY - PELOGONIDAEPELOGONUS

marginatus, L. small putatamid like insect.

Family - CAPSIDAEMEGALOCERAEA

dobertyi, Dist. On African grass.

MEGACAEUM

straminipes, Dist. On cotton.

nebricatum, Dist. On him branches -
(from neem twig).

horni (Poppins?) On mango flowers.

biseratensis, Dist. On cotton, red-gram,
On cotton bolls.

stramineum, Walk. On grass. on cholam
A larger bug than earheads.
augustata.

esmedorae, B. On Nim leaves.

HELOPELTIS

antonii, Sign. On neem tree (on Mahogany)-
common on nim tree - on cholam
on guavos. CBE 131 & 132/35.

DISPHINCTUS

politus, Walk. Rarely found.

PARACALOCORIS

lanarius, Dist. (on a wild bush).

CALOCORIS

augustatus, Leth. On cholam earheads,
at light.

LIGUS

albesceus, Dist.

POECILOSCYTUS

aureus, Ballard.

DEOECORIS

indicus, Ballard. On cotton.

aphicida, Ballard. On cotton.

Family - CAPSIDAE (CONTD)CAILOBELLICUS

sicornis, Dist.

On tobacco.

mentatus, Ballard.

On tobacco, Boerhavia,
on grass, etc.SOHENUS

arovi, Ballard.

On cotton leaves.

Mimicking the block
Camponotus compressus.RAGMUS

portunitas, Dist.

On sunnhemp.

rosus, Ballard.

Cholam, sunnhemp,
gingelly.

airmaculatus, Ballard.

On cotton.

BERTSA

nkasa, Kby.

On Bertsa.

SEJANUS

nerens, Dist.

From cholam.

~~ERRX~~CYRTOPELTIS

ruentatis, B.

On grass.

CYRTORHINUSC. lividipennis

Predaceous on BPH

Family - BELOSTOMATIDAESPHAERODEMA

rusticum, F.

At light.

molestum, Duf.

BELOSTOMA

indicum, Lep. & Serv-
the giant water bug;
very common; comes to
light.

wetlands from water, etc. ✓

FAMILY - NOTONECTIDAE

indica, Fabr.

ENITHARESANISOPS

sardea, Herr.

Family - CORIXIDAE

rixa spp.

At light.

Family - CERCOPIDAECLOVIA

ncta.

MACHAEROTA

ttigera, W.

Found making whitish tubes on
Zizyphus stems.

Family - MEMBRACIDAEOXYRHACHIS

andus, Fabr.
jecta, Wlk.

(common on Acacia' 192 & 194/36.
on Acacia, CBE. 195/36.

LEPTOCENTRUS

p.

OTINOTUS

gnicola, Buckf.

On ganja. 191 & 193/36.
on tamarind fruit stalks CBE.

TELINGNA

p.

Family - JASSIDAEIDIOCERUS

- .atkinsoni, Leth. (on mango)
 .clypealis. (on mango)
 .nivosus. -do-

TETTIGONIBELLA

- .spectra, Dist. white (paddy, cholam, ragi
 jassid of paddy. etc.)

NEPHOTETTIX

- .bipunctatus. on paddy.

EMPOASCA

- .devastans, D. The cotton leaf hopper.
 .formosana, Pooli, 1/37, lesser cotton leaf hopper.

JASSUS

- Jassus indicus, Wlk. 319/36. On Calotropis leaves
 Marudamalai.

Family - PULGORIDAEFULGORA

eleesserti, Guer.

(Kallar forests)

HOMALOCEPHALA

estiva, Fabr.-- A
y brown insect with bright
hind wings.

(on Calotropis)

KAHIDASA

p.

Sometimes found in numbers
in the forests.

EURYBRACHYS

omentosa, Fabr. A.
greenish yellow insect
monly on calotropis.

On calotropis, on
cotton, etc.

picalis, Wlk.
lightly smaller species.

On calotropis.

pp.

DICHOPTERA

coimbatorensis, Dist.

PUTALA

trachycephala, Dist .

at light.

UDUGAMA

splendens, Germ.

PHINECE

modesta, Westw. A common
small black leaf hopper.

on sugarcane, cholam,
occasionally on coconut.

PYRILLA - ZAMILA

perpusilla, Wlk. A
straw coloured active
nsect found as a minor pest
cane.

on cholam, on cane.

FLATA

ocellatus, Fabr.

At light.

PUNDALUOYA Synonymus with Dicranotropis
maidis.

simplicia, O.
Cholam shoot bug.

On cholam shoots, cumbu,
maize, ragi roots and shoots.

DELPTACIDAE

gata pallescens, Dist.

laparvata lugens, st(sordescens, Motch) on paddy in Malabar,
Guntur. 80981/35.

MENOPLIDAENISIA

atrovenosana Leth - on grasses and paddy. Guntur. 265/36.

Family - CIMICIDAECIMEX

.lectularius, L.

common bed bug.

.rotundatus, Sign.

APHIDIDAEMACROSIPHUM

- M. sanborni*, Gillette. On Chrysanthemums and
(a black insect) Vernonia.
- M. rosaeformis*, Das. On roses.
and Nilgiris.
- M. pisi*, On Agathi (*Sesbania grandiflora*)

MYZUS

- M. persicae*, Sulz. On Cruciferous plants
and tobacco with species
of *Cleome*, bad pest of
tobacco - reddish pink in
colour.

PENTALONIA

- P. nigronervosa*, Cog. On cultivated plantations.

RHOPHALOSIPHUM

- R. pseudobrassicae*, Davis. All Cruciferous plants -
light green insect with black
cornicles.
- R. avenae*, Fab. ragi roots.

BREVICORYNE

- B. corianderi*, Das. Coriander.
Small green insect, stout
body and short cornicles.

TOXOPTERA

- T. graminum*, Rond. Ragi and wheat.
- T. aurantii*, Boyer.

APHIS

- A. gossypii*, Glover. Cotton, guava, *ocimum canum*,
Euphorbia sp., *Tridax*,
Vernonia, *Solanum*.
A serious pest of Cambodia
cotton.
- A. medicaginis*, Koch. Most Leguminous plants,
Lab lab, red gram,
cluster bean, Lucerne,
Indigo, and *Sesbania*
grandifolia.
Pest of lab lab.
- A. malvae*, Koch. Edible cucurbits.

APHIS (CONTD)

A.taveresi, Dil.	A pest on orange and lime.
A.amaidisi, Fitch.	Pest on ragi as well. On cholam, maize, and Cynodon dactylon. Pest of cholam, colour light green to dark brown.
A.sacchari, Zehnt.	Sorghum or sugarcane.
A.nerii, Boyer.	Calotropis gigantea. A bright yellow sp.
A.rumicis, L.	Pest of Solanum nigrum.
A.odinae, V.D.Goot.	On Odina wodier, Mangifera indica.
A.ficus, Theobald.	Ficus bengalensis.
A.donacis, Pass.	Arundo donax.

ANURAPHIS

A.helichrysi, Kalt.	On Ageratum.
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SETAPHIS

S.bongainvilliae, Theobald.	Phyllanthus emblica.
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TETRANEURA

T.ulmi, Di Geer.	Common grasses. Attacks knots of cholam and ragi.
T.cynodonti coimbatorensis George.	Sugarcane roots.

GEOCIA

G.cynodonti, Das.	Cynodon dactylon (grasses)
G.sp.	Cholam roots.

FORDA

F.orientalis, George.	On cholam.
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OREGMA

O.insularis, V.D.Goot.	On bamboo.
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ALEYRODIDAE.SIPHONINUS

S.finitimus, Silvestri. On pomegranate, pear and peach.

NEOMASKELLIA

N.bergii, Signoret. Saccharum officinarum
(sugarcane)
Andropogon sorghum
(cholan, Juar)

DIALLEURODES

D.eugenioe, Maskell. Eugenia jambos.
D.vulgaris, Karamsingh. Jasmine seedlings
(Eugenia jambos seedlings)
D.elongata, Dozier. Ixora coccinea,
Citrus sp.
D.ixorae, Karamsingh. Ixora coccinea.
D.citri, Ashmead. Citrus.

TRIALEURODES

T.ricini, Misra. Ricinus communis (castor),
Sapota, etc.
T. *rara* Indian gooseberry

ALEUROCANTHUS

A.mangiferae, Q & B. Mangifera indica (mango)
A. *spinebervous* citrus
A. *wagglemani* citrus blackfly.

ALEUROLOBUS

A.barodensis, Maskell. Sugarcane.

Bemisia

B. *tabaci* : cotton, pulses, tobacco etc.

Aleurodychus

A. *dispersus*

spiralling white fly,
or highly polyphagous
pest on teak, pungan,
rubber, sandal, Heliconia
tilleulow, castor, castor
cane, redgram, green
cumin.

C O C C I D A EDIASPIS

D. echinocacti, Bouche. On Prickly pear.

CHIONASPIS

C. vitis, Green. South India
On mango.

C. acuminata atricolor, Gr. On tamarind, *Carissa* sp. and
Ficus sp.

PINNASPIS

P. aspidistree, Sign. *Ficus* leaf.

P. minor, Mask. On leaf and fruit of tamarind,
on *Erythrina*.

P. theae, Mask. Pomegranate leaf.

P. chionaspiformis, Newst. *Tephrosia purpurea*.

FIORINIA

F. insa plana, Green. *Elocodendron glaucum*.

ASPIDIOTUS

A. destructor, Sign. on coconut.

A. orientalis, Newst. On *cordia mya* and *Bauhimia* sp.

A. latanice, Sign. On *Carissa carandas*, Grape
shoots, *Ficus*, *Sapota*, *Tea*
leaves, *Albizzia* bark and rain
tree shoots.

A. rossi, Mask. *Carissa carandas* and *Ficus*
retusa leaves.

A. cydonice, Comst. On grape, fig and pear plants.

A. dictyospermi, Morg. *Ficus retusa*.

A. tamarindi, Green. On tamarind leaf and fruits.

A. aurantii, Mask. On *Morinda tinctoria*.
It is the red or orange scale
of California.

A. ficus, Ashmead. On mango and citrus.

A. trilobitiformis, Green. On mango.

A. hartii, Cockerell. On yam tubers. Dwameril.

ODONASPIS

- O. simplex*, Green. on bamboo stem.
O. penicillata, Green. on *Ochlandia trancanorica*.

GYMNASPIS

- G. ficus*, Green. on *Ficus retusa*.

LEPIDOSAPHES

- L. albizziae*, Green (MS) On bark of *Albizzia lebbek*
L. punctatissima. -do-
L. leucophloea On shoots and barks of
Leucophleae and on pomegranate.
L. punicae, Green. on pomegranate.
L. meliae, Green. on stem and shoots of
Nim tree.
L. beckiae, Ashmead. On orange - Kallar.

PARLATORIA

- P. (Euparlatoria) orientalis*.
Newst. wild bush.
P. pergandii, Comst. On *Aegle marmelos*. On *Croton* in
with *Lecanium viride*. Malabar and
Tinnevely.
P. (Websteriella) ziziphus,
Lucas. Tanjore.
On citrus leaves.
P. camelliae, Comstock. On stem of *Melia* tree.

PULVINARIA

- P. psidii*, Mask. Guava, mango, morinda
and *Carissa*.
P. maxima, Green. On Nim (*Melia*) trees.
(Mem. Dept. Agri. Ind. Ent. Series. VIII. 12. 1925.
T.V.R)
P. burkilli, Green. On shoots of *Zizyphus jujuba*.

CEROPLASTES

- C. ceriferus*, Anderson. On Indian Elm and *Lawsonia alba*.
C. actiniformis, Green. On coconut leaves, mango, grape-vine.
C. rubens, Mask. On *Calophyllum*.

VINSONIA

V. stellifera, Westw. on Mango.

INGLISIA

I. chelonoides, Green. On *Parkinsonia aculeata*.
I. bivalvata, Green. On *Pongamia* shoots.

CEROPLASTODES

C. cajani, Mask. On red gram, lab-lab vines and *zizyphus* shoots.

SAISSETIA

S. nigra, Nietn. On cotton, croton, *Hibiscus esculentus*,
Hibiscus rosasinensis, *Thespesia*,
Hygrophila spinosa and Dandal-wood.
S. oleae, Bernard. Tamarind fruits and stalks,
Erythrina leaves and shoots and stem
of *Hygrophila spinosa*, on *Sapota*,
gaava and *Odina odier*.
S. nigrum depressum, Cock. On *Eranthymum*, *Thespesia populnea*
and banana leaf.

LEUCANIVM

L. longulam, Douglas. On flower stalks of *Sapota*.
L. adersi, Newstead. On mango.
L. tessellatum, Sign. On *Calophyllum* leaves.
L. acutissimum, Green. On coconut and Jak leaf.
L. viride, Green. On *Aegle* and *Carissa*.
L. latioferculum, Green. On mango leaf.
L. mangiferae, Green. On mango leaf.

HEMILEUCANIVM

H. imbricans, Green. On *Jatropha multifida* and
Ailanthus excelsa.

CRIBROLEUCANIVM

C. radiculicola, Green. On roots of
Acacia auriculiformis.

ANOMALOCOCCUS

indicus, Green.

Babul.

CEROCOCCUS

hibisci, Green.

On cotton and Hibiscus
rosasinensis.

ramakrishnae, Green (MS) On Ficus roots.

ASTEROLECANIUM

miliaris Var. longum Gr. On bamboo leaf.

DACTYLOPIUS

indicus, Green.

Opuntia.

tomentosus, Lamarck.

On Opuntia dillenii.

PSEUDOCOCCUS

citri, Risso.

On croton and Parkinsonia shoots.

longispinus, Targ.

On coconut leaves.

virgatus, Ckll.

On crotons, tomato, etc.
Lantana, Custard apple and Sesbania.

sacchari, Ckll.

Leaf sheaths of growing paddy
plants. Disease caused is "soorai"
or "Chenchoorai".

filamentosus, Ckll-var.

corymbatus, Green.

Cotton shoots.

lilacinus, Ckll.

Adenophyllum shoots, pomegranate
fruit stalk, Sesbania and
Ailanthus shoots.PHENACOCCUS

insolitus, Green.

Brinjal. Also on Sida, Tribulas,
Triumfetta, Abutilon & Acharanthus.

mangiferae, Green.

On mango.

ballardi, Newst.

On Mango.

piceryoides, Green.

On Odina odier shoots being fed
upon by Spalgius epius larvae.
Also on Rain tree (Pithecolobium
saman) and Parkinsonia aculeata stem.RIPERSIA

R. sacchari, Green.

On sugarcane.

ANTONINA

A. maritima, Green.

On underground roots of grass
(Cynodon)

A. indica, Green.

Attached to grass stem close
to the soil.

TACHARDIA OR LACCIFER.

- lacca, Ker. On Pongamia glabra, Rain tree
and Hibiscus rosasinensis.
- fici, Green. On Butea frondosa.

MARGARODES

- niger, Green. On roots of grass.

ASPIDOPROCTUS

- cinerea, Green. On Thespesia and pomegranate
stems.
- xyliæ, Green. On stem and shoots of Rain tree.
On rain tree there is a predatory
caterpillar Eusophæra cocciphaga, H
checking its increase.

ICERYA

- purchasi, Mask.

PSYLLIDAE.PAUROPSYLLA

P.depressa, C.

In galls of Ficus glomerata.

DIAPHORINA

D.citri, K.

Sometimes a pest of citrus
and Murrayia.

D.cardiae, C.

On Cardia.

ARYTAINA

A.obscura, C.

On mango and Dalbergia leaves.

A.ramakrishni, C.

In galls of Chloroxylon leaves.

A. marsutia

on kino & red sanders
TRIOZA

T.fletcheri, C.

in trevia gallsSIPHONAPTERA (FLEAS)XENOPSYLLA

X.cheopis.

CTENOCEPHALUS

C.felis.

Pulex irritans.

ANOPLURA (LICE)PEDICULUS

P.humanus (capitus), L.

The human head louse.

HAEMATOPINUS

H.

H Y M E N O P T E R AFamily - MUTILLIDAEDASYLABRIS*.argentipes*, Sm.

Female has stout thoracic
tubercles; fairly common
in different parts of S.India.

SPILOMUTILLA*.cotesi*, Cam.PROMECILLIA*.regia*, Sm.*.poonaensis*, Cam.MUTILLA*.consociata*, Cam.*.sexmaculata*, S.

Fairly common and big
species; male known.

.indostana, S.

-do-

.taylori, A.*.ruficeps*, S.

Appears to be same as *M.luna-*
rifasciata and *rufiventris*.

.aulica, S.*.hexaops*, S.*.acidilia*, C.*.blandina*, S.*.maculiceps*, A.*.intermedia*, S.*.provida*, C.*.decora*, S.*.yerburi*, C.

Only the male known.

THYNNIDAEMETHOCA

.rufonigra, D.

Female wingless.

SCOLIIDAETIPHIA

- T.lyrata, M.
 T.petri, T.
 T.clypealis, C. = (flavipennis, Smith?)
 T.rufofemorata, S.
 T.intrudens, S.
 T.rufipes, Sm.

ELIS

- E.dimidiata, Guen. Female with red abdomen; male slender dark brown with wings half clear & half fuscous.
 E.ceylonica, Cam. Male and female look quite different.
 E.claripennis, Bingh. Very common.
 E.annulata, F. common.
 E.hirsuta, Saund.
 E.thoracica, F. common.
 E.petiolata,

SCOLIA

- S.rubiginosa, Fabr. Rare.
 S.anipennis, F.
 S.aurcipennis, Lef. Common - bluish.
 S.indica, Saund. Stout big form.
 S.quadripustulata, F. Common.
 S.histrionica, Fabr. Reddish flavous.
 S.redten bacteri, Sams. Blackish.
 S.imbriata, B. Common.

P O M P I L I D A E (PSAMMOCTARIDAE)MACROMERIS

violacea, L.

PSEUDAGENIA

rava, B = (Cryptosalius rava)

blanda, G.

mutabilis,

pedunculata, Sm.

micromagala, Sm.

POMPILUS

analis.

vivax, C.

fenistratus, Sm.

reflexus, Sm.

ephippialii.

multipictus, Sm.

With yellow banded abdomen.

HEMIPETPSIS

pettis perplexa, Sm.

Common; the big spider hunter - dark and yellow.

(Homonotus) ariadne, Cam.

Small form.

venatorius, Bingham.

saevissima, Sm.

Big black form.

pettis taprobane, C.

Big insect with black and gold body and yellow wings.

EPISIRON

infestus, Bingham

A small reddish brown insect with a fuscous spitt on apex of forewing.

SALIUS

S. irridipennis, Sm.

All black.

S. madrupapanus, Cam.

Brilliant blue and black.

S. fulgidipennis, S.

APORUS

A. bengalensis, Cam.

Small insect.

CETROPALES

C. ligea, Bingham.

Small insect. dirty reddish hind brownish femora.

SPHEGIDAEASTATA*.agilis*, S.

Preys on bugs.

TACHYTES*.tarsate*, Sm.*.sinensis*, Sm.*.modesta*, Sm.*.hospes*, Bingh.LARRA*.sumatrana*, K.

Fairly common; reddish brown abdomen.

LIRIS*.aursta*, F.PIAGETIA*.fasciatipennis*, C.MISCOPHUS*.rothneyi*, N.GASTROCEPICUS*.rothneyi*, C.PISON*.argentatum*.TRYPOXYLON*.pileatum*, Sm.*.intrudens*, Sm.*.bicolor*, S.AMMOPHILA*.atripes*, S.*.basalis*, S.*.humbertiana*, S.*.nigripes*, S.*.laevigata*, S.

Common species.

SCELIPHRON*.violaceum*, S.

Common.

SCELIPHRON (CONTD)

madraspatanum, F.

spinolae, L. Fairly common.

coromandelicum, L.

SPHEX

tobatus, S. Common.

splendidus, F. Common.

aegypticus, L. Black.

vicinus, L.

imbissus, C. Big black and transparent wings.

luterpennis, M. Big stout yellowish wings.

aurulentus, F.

.sp. Small dark form.

AMPULEX

compressa, F.

novare, S.

TRIRHOOMA

coerulea, W.

PSEN

.sp.

NYSSON

rugosus, Cam.

decoratus, T.

basalis, Sm.

dubitatus, T.

GORYTES

capitatus, N.

pictus, Sm.

amatorius, S.

PHILANTHUS

ramakrishnae, T.

The bee catching wasp on the hills.

depradator, S.

STIZUS

S.rufescens, G.
 S.vespiformis, F.
 S.delesesserti, G.
 S.biclypeatus, Ch.
 S.reversus, Sm.
 S.orientalis, Cam.

BIMBEX

B.trepanda, D.
 B.borealis, H.

OXEBELUS

O.squamosus, S.

CERCERIS

C.vigilans, S.

CRABRO

C.(Dasypilus)orientalis, Cam.
 C.bellus, C.

PALARUS

P.orientalis, Kohl.

Preying on Apis indica. 18/35
 On 651.

-do-

(identified through U.S.
 Bur.of Washington) 44/36.

EUMENIDAELABUS

sp.

EUMENES

brevirostrata, S.

conica, F.

esuriens, F.

petiolata, F.

Common.

flavopicta, B.

Common.

RHYNCHIUM

brunneum, F.

Common.

abdominale, l.

-do-

nitidulum, F.

-do-

metallicum, S.

-do-

ODYNERUS

punctum, F.

Common.

ornatus, S.

ovalis, S.

Common.

VESPIDAEICARIA

ferruginea, F.

Common.

marginata, L.

-do-

variegata, S.

POLISTES

stigma, F.

Common.

hebraeus, F.

Found but not common.

VESPA

cincta, F.

Common hornet.

A P I D A ENOMIA

- N.elliottii, S. Common.
 N.iridescens, S. Fairly common.
 N.aurifrons, S. Common.
 N.oxybeloides, S. -do-

NOMADA

N.adusta, S.

LITHURGUS

L.australior, C.

MEGACHILE

~~M.melissae, S.~~ M.anthracina, S.

Melizabethae, B.

M.carbonaria, S.

M.ardens, S.

M.disfuncta, F.

M.lonata, F. Common everywhere.

M.ramakrishnae, Ckll.

ANTHIDIUM

A.orientale, B.

PAREVASPIS

P.carbonaria, S.

CERATINA

C.viridissima, G.

C.beata, Cam.

COELIOXYS

C.decipiens, S.

C.ramakrishnae, Ckll.

C.capitatus, S.

C.dormitans, Ckll.

CROCISA

C.chionotricha, Ckll.

C.ramakrishnae, Ckll.

C.histrion, F.

TETRALONIA

.durvaucelli, L.

ANTHOPHORA

.bicincta, F.

Common species.

.cingulata, F.

common.

.confusa, S.

.violaceae, L.

Common.

XYLOCOPA

.latipes, D.

.fenestrata, F.

.amethystena, F.

.austus, L.

APIS

.dorsata, F.

The wild or Rock bee.

.indica, F.

The common Indian honey bee.

.florea, F.

The small honey bee.

MELIPONA

.iridipennis, F.

The mosquito bee.

CHRYSIDIDAESTILBUM

.cyaneum.

CHRYSIDIS

.colen.

.shanghaensis, Sm.

.principalis, Sm.

.fuscipennis,

.oculata, F.

common.

.lusca, F.

.lanka, B.

TENTHREDENIDAEATHALIA

A.proxima, K.

The common saw fly on
cruciferous plants.

FORMICIDAEDORYLUS*.orientalis*, W.

the red ant attacking under-ground roots etc.

.labiatus.ANNICTUS*.fora*, R.*.pachycerus*, Sm.*.brevicornis*, M.LIOPONERA*.parva*, F.ECTOMOMYRMEX*E.annzmitus*, And.BOTHROPONERA*B.lesserinoda*, M.*B.sulcata*, F.SIMA*S.rufonigra*, J.*S.allaborans*, W.*S.aitkeni*, F.MYRMECARIA*M.brunnea*, S.CREMASTOGASTER*C.contemta*, M.*C.anthracina*, S.*C.rothneyi*, M.OLIGOMYRMEX*O.leei*, F.SOLENOPSIS*S.geminata*, F.MERANOPLUS*M.bicolor*, G.*M.rothneyi*, F.TRIGLYPHOTHRIX*T.walshi*, F.*T.obesa*, And.

TETRAMORIUM

smithimum, S.

smithi, M.

MONOMORIUM

dichroum, F.

indicum, F.

gracillimum, F.

floricola, J.

PHIDOLE

spathifera, F.

OECOPHYLLA

smaragdina, F.

the notorious red ant found on many
fruit trees. 289/36 - 689.CAMPONOTUS

compressus, F.

the common black ant of Coimbatore.

mitis, S.

sericens, F.

ACROPYGA

acutiventris, R.

PLAGIOLEPIS

jerdoni, F.

ACANTHOLEPIS

opaca, F.

PRENOLEPIS

longicornis, L.

indica, F.

HEMIOPTICA

scissa, R.

POLYRACHIS

clypeata, M.

rastellata, L.

TAPINOMA

melanocephalum, F.

HOLCOMYRMEX

scabricaps, M.

ANOPOLEPIS

longipes, Jod.

pred on Occophylla ants - 290/36 - 639
Kallar.

Family . B R A C O N I D A EAPHRASTOBRACON

A.flavipennis, Ashm. parasitic on noctuid caterpillar *Eublemma*.

GLYPTOMORPHA

G.(Iphiaulax)smeenus, Cam. Parasite on Buprestid larvae (*Sphenoptera* spp.) boring into groundnut, cotton and pulses.

G.(Bracon)deesae, Cam. Parasitic on stem boring Pyralids on cholam, ragi, etc. A fairly common and large species.

G.(Bracon)nicevillei, Bing. of same habits; rare in Coimbatore.

G.(Iphiaulax)spilocephalus, Cam. in cholam shoots as parasites of borers.

IPOBRACON

I.sp. Parasitic on the common Indian fruit-fly, *Dacus* (*Chaetodacus*) *cucurbitae* on gourds.

PHILOMACROPLOEA

P.basimacula, Cam. parasite on nymphated caterpillars.

CAMPYLONEURUS

C.ceylonicus, Cam. Parasitic on the grub of the *Sesbania* shoot weevil (*Alcides bubo*).

CLINOCENTRUS

C.sp. Parasitic on the paddy skipper, *Parnara mathias*.

HETEROGAMUS

H.percurrens, Lyle. Parasitic on *Perigaea capensis* infesting safflower plants.

ALBIODES

A.sp.

TROPORHOGAS

T.maculipennis, Cam(?) Parasitic on the caterpillar of the hawk-moth, *Daphnis nerii*.

CHELONUS

C.spp.

PHANEROTOMA

P.formosana Roh. *Ex.sylepta derogata*.

P.sp. Parasitic on the brinjal stem borer (*Euzophera perticella*)

P.sp. Parasitic on *Etiella zinckenella* larvae on sannhemp plant.

P.fendecasisella, Ca. *Ex.dichocrocis punctiferalis*.

ONCOPHANTES

O.hesperidis, Roh. *Par. melanites iswene*, CBe - 30/36.

RHACONOTUS

R.scirpophagie, Wilk. *Par. scirpophaga*. On sugarcane. 33/36.

ROGAS

ROGAS

0/38. Rogas percurrans. Lyle; Ex. Achia parasite on Caston.

MEGA RHOGAS

n.sp. Par. on Perina unda. a fig. CBe - 23/36.
sp. Par. on Pongamia. CBE - 31/36.

PHANEROTAMA (CONTD)

sp. Parasitic on bag worms (Psychidae)
on different plants.

APANTELES

taprobane, par. on the crab caterpillar (Stauropus)
prodeniae, Vier. 28/36.
(Protapanteles) creatonoti, Vier.
" papilionis, Vier. On Pappillis demoleus. CBe. 24/36.
" stauropi, Vier.
" plusiae, Vier.
(Stenopleura) sp. Parasitic on borers in cholam,
sugarcane and maize.
ruficrus, H. Par. on the paddy army worm.

MICROPLITIS

eusirus, Lyle. A specific and effective parasite
on the castor semilooper. Achaea.
janata.
maculipennis, Szep. on Achaea janata. CBE. 27/36. 153/38.
sp. Parasitic on the caterpillar of a
hawk-moth, Macroglossum sp.

DYSOPHRYS

sp. Par. on a Hypsid moth, Hypsa ficus
on Ficus indicus.
sp. Par. on Daindra. CBE. 29/36.

TROPOBRACON

luteus, Var. indica, Ram. par on the paddy stem borer larva.

AUSTROOPIUS

sp. par on calotropis fruit fly.

OPIUS

incisi, Sib. 614.
fletcheri, Silv. Commonly found as paranitie on Dacus
(Chaetodacus) cucurbitae.
(Biosteres) carpomyiae, Silv. Par. on a fly boring into Zizyphus
fruits.
(Biosteres) Opius longilandatus (asp) - 614.
" " persulcatus (silv) 614.

SPATHIUS

sp. Parasitic on the shot-hole borer
(Dinoderus) in bamboo frame-work.

AULASAPHES

54/38. A. psychidivorus. Mues. Ex. Pygid larva.

MICOBRACON

Microbracon lefraji D & G. 614. 58/35, 60 and 61/33.
var. gelechidiphagus. Rawak. 614. 59/35.
(Musebeek says that lefroyi may be the same as greeni 8-2-35
It may be impossible to maintain the catter as even a 27-1-36
variety)
Microbracon sp. possibly brevicornis. in moringa flowers. #. 101/36.
M.sp. apparently new.
42/39. M. brevicornis (Wesrn). Ec. Dichocrocis bendeferals.

APANTELES

A.sp. Par on Hymenia. Amaranthus. 35/36.
A. femoratus (ash) Par. Euproctis scinhillans. CBE 26/36.
A. phycodis - Par. on Phycodes radiata on Fig. 32/36.
A.sp. near Mactraeralis with on Glyphodes on Fig-34/36.
A.n.sp. on Moringa flowers. 99/36.

SYNTOMERUS

- .n.sp. on in Moringa flowers. 100/36.
 Biosteres) opius sp. near peroulcatus. 614.

SUPER FAMILY - CHALCIDOIDEA

.indiensis, W.

LEUCOSPIS

.argentifrons, Ashm.

On a Lasiocampid caterpillar.

STOMATOCERAS

.ayyari, Gah.

On a Limacodid, Parasa lepida.

.sulcatiscutellum, Gir.

On the palm caterpillar,
Nephantis serinopa.

BRACHYMERIA

.nephantidis, Gah.

Hyperparasite on Nephantis spantcles.

.sp.

On Attera caterpillar.

PODAGRION

.pachymerum, Walk.

From egg capsules of Mantis sp.

GONIOGASTER

.varicornis, May.

From fruits of Ficus.

MEGASTIGMUS

.indi, G.

Par. on Bruchophagus mellipes, G.

EURYTOMA

.parasae, Gah.

On Parasa lepida and Thosea sp.

.denticoxa, Gah.

From stored maize seeds -
probably parasite on son-meal-worm-
caterpillar.

.dentipectus, Gah.

On the gingelly gall-fly-
Asphondylia sesam.

.setitibia, Gah.

From galls on Trewia.

.chrysothrix, Waterst.

Parasitic on maggots boring into
bamboo shoot.

.albotibialis, A.

Hyperparasite on Bethyloid on coconut
caterpillar.

.sp. very like brownii, Ash.

Par. on Prodinea on Caston. CBE. 41/36.

BRUCHOPHAGUS

.mellipes, Gah.

Boring into Sesbania seeds.

AXIIMOPSIS

.A.sp.

on grasshopper eggs.

BRACHYMERIA

Brachymeria sp. on Phitella moculipennis - 146/35.

B.enploeae, West. On perina under on Fig.

B.excarinata, Gahan. on Plutella maculiipennis

pupae - 98/36.

37/39. B.enploeae, West. - Ex. Dichocroies pupa in castor, Tindivan.

157/38. B.plutellophaga (Gir) Ex. Stomoptaryse pupa.

- APHYCUS
A.fuscidorsum, Gah. Parasite on a scale Ceroplastodes cajani on Dolichos lablab.
A.flavus, How? On the nim scale Pulvinaria maxima.
ANICETUS
A.ceylonensis, How. On Pulvinaria maxima.
PARACOPIDOSOMOPSIS
P.javæ, gir. On a Noctuid Plusia signata.
ENCYRTUS
E.barbatus, Timb. On Lecanium nigrum.
MICROTERYS
E.kotinskyi, Full. On Lecanium nigrum.
METAPHYCUS
E.n.sp. on Ceroplastodes cajani.
LEUROCERUS
E.n.sp. on Eurybrachys eggs.
COMPERIELLA
E.indica, (MS) Ramakrishna. On Aspidiotus tamarindus on Tamarind.
TETRACNEMUS
E.indicus, Ramakrishna. Parasitic on an injurious mealy bug-
Pseudococcus citri commonly noted on
Agathi - Sesbania aculeata.
HOMALOTYLUS
E.flaminus, (Dalm) On Coccinellid.
METAPELMA
E.sp. On bamboo boring bostrichid larva.
ANASTATUS
E.sp. On the eggs of a grasshopper Oxya velox and of a hawk moth Polyptychus dentatus.
NEANASTATUS
E.trochantericus, Gah. From grass galls, probably on a
gall-fly.
E.pulchricorpus, Gir. From plant galls.
EALOPLINDAE
/39. *Syntomasphyrum javanicum*. Ferr.
Ex. *Dichocrocis* pupa.
Tindivanum.

SCUTELLISTA

S. cyanea, Mot.

On Lecanium nigrum and L. oleae.BRUCHOBIUS

B. colemani, Crawf.

Bred from pods of Cajanus indicus evidently parasitic on a species of Bruchus.

B. vagabundus, Timberlaki.

On Bruchus analis.PTEROMALUS

P. oryzae, Cam.

On the rice weevil Calandra oryzae.APIASTOMORPHA

A. calandrae, How.

Parasitic on a beetle Sitodrepa infesting stored coriander.EUPTEROMALUS

E. parnarae, Gah.

On the paddy Hesperiid Paranara mathias.ELASMUS

E. indicus, Roh.

On a Noctuid, a scale Anomalacoccus indicus, G.

E. nephantidis, Roh.

On the palm caterpillar Nephantis.

E. zehntneri, Ferr.

Por. Scirpophaga on Sugarcane. CBE. 38/36.

PEDIOBOPSIS

P. locustivora, Roh.

On the eggs of Tettigoniids on the edge of a leaf.

PLEUROTROPIS

P. epilachnae, Roh.

On grubs of a Coccinellid beetle, Epilachna.CERATONEURA

C. indica, R.

From galls.

C. indi, Gir.

From shoots of Sestania aegyphaca.THRIPOCTENUS

T. maculatus, Waterst.

An internal parasite of the vine thrips (Rhipiphorothrips cruentatus, H)TETRASTICHUS

T. ayyari, Roh.

On the cholam borer Chilo simplex.

T. nyemitawus, Rohi.

T. okawus, Roh.

On the cholam stem maggot. Reared from cumbu grains; probably on gall-flies.

T. isaaci, Roh.

From galls on Macrina arneria; probably on gall-flies.HABROCYTUS

H. sp.

Par. on Prodenia on Castor. CBE 41/36.SYRPHOPHAGUS

S. migrocyaneus Ash.

Par on syrphid pupae (Ischnodon sp) CBE 42/36.

PERILAMPUS

microgastris, Ferr. Par. on *Hymenia* on *Amaranthus*. CBE 43/36.
 sp. on in *Moringa* flowers - 107/36.

ELASMUS

asmus hyblacae, F. On in *Moringa* flowers. 103/36.

SYSTASIS

stasis sp. on *moringa* buds. 108/36.

TETRASTICHUS (CONTD)

coimbatorensis, Roh. On the *cholam* gall-fly.
schoenobii, Ferr. On eggs of *Schoenobius*.
 sp. On *Plutella macubipennis*. CBE 143/35.
sokolowskii, Kurdy. On *plutella macilipennis*. CBE 97/36.

TUMIDISCAPUS

ophagus, Gir. On eggs of the paddy grasshopper *Oxya*.
~~*pupivora*, Ferr.~~

TRICHOSPILUS

pupivora, Ferr. On *Nephantis serinopa*.

EUPLECTRUS

ousbyi, Crawf. On a caterpillar on leaves of *Pongamia*.
leucostomus, Roh. On the semilooper caterpillar of castor
euplexiae, Roh. On a Noctuid, *Perigaea capensis*.

EURYSKOLOLINX

coimbatorensis, Roh. On the lab-lab leaf-miner-
Cyphosticha coerulea.

ASYMPIECILIA

indica, Gir. On the red-gram leaf-roller
Gracillaria soyella.

CASSIDOCIDA

aspidomorphae, Crawf. On the grub of a Cassidid beetle-
Aspidomorpha miliaris.

ANERISTUS

ceroplaste, How. On the black scale *Lecanium nigrum*.
Coccophagus orientalis, How)

PERISSOPTERUS

n.sp. on the nim scale *Pulvinaria maxima*.

PARANAGRUS

optabilis, Perk. On eggs of the *cholam* shoot
Fulgorid Pundalmoya.

FAMILY - EVANIIDAEEVANIA

antennalis, W. The common spinning black species par. on
 cockroach eggs.

SUPERFAMILY - SERPHOIDEATELENOMUS

latisulcus, C. par. on eggs of pentatomids and on
 carpenter bee grubs.

HADRONOTUSSCCLIONIDAETELENOMUS

lenomus sp. On pentatomid eggs on *cholam* CBE - 39/3

6/38. Enpelmus sp. near anpingensis Masi
Ex. stomopteryx nerteriae.

ICHNEUMONIDAE

ARTHULA

sp.

THYMARIS

l.sp.

Resting on grass.

TANERA

annulipes, Cam.

ECHTHRUS

.sp.

ECHTHROMORPHA

.notulatoria, F.

.persimilis, Cam.

LISSOPIMPLA

.albopicta, Walk.

XANTHOPIMPLA

.immaculata, Morl.

Most common in the paddy fields and is parasitic on Cirphis unipuncta, Cnaphalocrocis medinalis on paddy, Paranara mathias on sugarcane and on Nephantis serinopa on coconut.

.pedator, F.

Most common Ichneumonid available in numbers. Parasitic on the wild silk worm Cricula trifenestrata on mango, Chilo zonellus- the cholam stem borer.

X.trifasciata, Smith.

Bred chiefly from Chilo zonellus.

X.nursei, Cam.

X.transversalis, Voll.

Par. on Sylepta derogata on cotton and on the pupa of Nephantis serinopa on coconut.

X.punctata, F.

A very abundant and widely distributed species. Parasitic on Chilo zonellus, Nephantis serinopa and Perigaea capensis. 119/36. On Nephantis serinopa.

THERONIA

Th.zebra, voll.

43/49. Inareolata, Sp.

Ex.-Dichocrocis punctefaralis in cast Tindivanam.

PIMPLA

instigator, F.

POLYSEPHINCTA

sp.

SYZEUCTUS

annulipes, Cam.

METOPHIUS

rufus, Cam.

One of the commonest met with.
Par. on Prodenia littoralis on castor,
onion, Acacia, etc.

pulchripes, Cam.

Par. on Prodenia.

BASSUS

clotho, Morl.

Par. on Syrphid feeding on aphids on
water melon.

orientalis, Cam.

Par. on Syrphid preying on aphids
on cabbage.

PANISCUS

ocellaris, Thoms.

On Achoea janata.

lineatus, Brulle.

Par. on Ophiura melicerta.

ALLOCAMPTUS

inflexus, Morl.

HENICOSPILUS

flavicaput, Morl.

Par. on Utetheisa pulchella on
lucerne.

rufus, Tosq.

Reared from Dasychira mendosa.

univittatus?

hariolus, Morl.

reticulatus, Cam.

Par. on Taragama siva on Acacia
and on Euproctis fraterna.

merdarius, Grav.

Bred from Euproctis scintillans,
E. fraterna and from a Noctuid larva
on lantana.

sylonotus, Cam.

striatus, Cam.

orientalis, Morl.

Par. on Amsacta laticolor and
Estigmene lactinea.

dasychirae, Cam.

Noted as parasite on Trabala vishnu

horsefieldii, Cam.

Par. on Eupterotid, Eymantid and
Arotid larvae.

HENICOSPILUS (CONTD)

horsefieldii.var.glabrata,

crassus, Morl.

Generally attacks hairy caterpillars.

NOTOTRACHYS

foliator, F.

MAGNIBUCCA.

testacea, Morl.

BARYLYPA

interstitialis, Cam.

ANOMALON

decorum, Cam.

CLATHRA

sp.

CHAROPS

dominans, Walk.

Generally parasitic on Spodoptera.

obtusus, Morl.

Parasitic on Virachola isocrates on pomegranate, and soapnut fruits. on Euproctis scintillans. CBE 36/36.

HYMENOBOSMINA.

spinipes, Cam.

mandibularis, CAM.

Par. on Eublemma olivacea on brinjal and on Prodenia littoralis.

ZACHRESTA.

nigromaculata, Cam.

DIOCTES

trochanterata, Morl.
vulgaris, Morl.

Par. on Dichocrocis punctiferalis.

argenteopilosa, Cam.
argenteopilosus.

Par. on Prodenia littoralis.
Par. Pink bollworm ? 57/35. bor.584.

TROPHOCAMPA

indubia, Morl.

CASINARIA

atrata, Morl.

Probably from larvae from Ber fruits.

CREMASTUS

- flavus*, Cam. Bred from *Antigastra catalaunalis*.
noxiosus.var.*nigrescens*.Morl. Bred from *Antigastra catalaunalis* and from a Noctuid larva on maize stalk.

TARYTIA

- flavo-orbitalis*, Cam. One of the commonest of the species of this genus; bred from *Antigastra catalaunalis*, *Chilo zonellus*, *Euzophera perticella*, on Tortricid, *Eucosma paragramma*.

PRISTOMERUS

- testaceus*, Morl. Par. on *Azygophleps scalaris*, on the brinjal stem and fruit borers-
Euzophera perticella and *Leucinodes orbonalis*.
enzopherae, Dier. Par. on *Alcides bubo* on agathi stems.
sp. on moringa flowers. Somanur. 35/36.

PRISTOMERIDIA

- seconda*, Morl.

MESOCHORUS

- facialis*, Bridg.

AGLOA JOPPA

- sathanus*, Morl. Par. on *Parnara mathias*.
alecto, Morl.

ACANTHOJOPPA

- flavidorbitalis*, Cam. Common parasite on the Nymphalid-
Melanitis ismene.

ISCHNOJOPPA

- luteator* (Fab). Par. on *Parnara mathias* and *Schoenobius incertellus*; a very common species.
 on *athalia lugus tibialis*. 109/36.

ICHNEUMON

- sp.* Par. on *Prodenia litura*.
sp.

ISCHNUS

- luteus*, Morl.

GOTRA

- carinifrons*, Cam.

159/38. *cremastus* sp. Ex. *Chilo zorellus* in X
 CBE.

SUVALTA

S.rugifrons, Cam.

Par. on Ocinara varians.MESOSTENOIDES

M.clarinervis, Cam.

MELCHA

M.maculiceps, Cam.

M.fuscinervis, Cam.

M.nursei, Cam.

Generally attacks caterpillars of the Bombycid, Ocinara varians and different genera of Psychids.DIAPETUS

D.sp.

STICTOCRYPTUS

S.testaceus, Cam.

Pretty common.

HEMITELES

H.striatus, Cam.

First record.

H.sp.

Parasite on eggmass of spiders.

H.s.g.syretis sp.

CAMPTOLYNX

C.striatus, Cam.

First record.

GORYPHUS

G.nursei, Cam.

Par. on Ocinara varians; first record.

G.fuscinervis, Cam.

-do-

; first record.

G.maculipennis, Cam.

First record.

ANGITA

Angita sp.

Par. on Hymeina or Amaranthus.
CBE. 37/36.APHADNUS

Aphadnus sp.

Caught in the sugarcane field.

NEUROPTERA.ODONATA.NEUROTHEMIS

N.tullia, D.

DIPLACODES

D.trivialis,

PANTALA

P.flavescens.

CROCOTHEMIS

C.cervilia.

THOLYMIS

T.tillarga,

PSEUDAGRION

P.decorum.

VESTALIS

V.gracilis.

A beautiful slender form with
shining green body.

V.apicalis.

-do- with
an apical spot on wings.ORTHETRUM

O.sabina.

TRITHEMIS

T.aurora.

LESTES

L.viridula.

A very slender form.

RYOTHEMIS

R.fulvia

TRAMEA

T.limbata

T.basilaris, B.

HEMIANAX

H.ephippiger,

ICTINUS

I. rapax,

Stout yellow banded form.

ANAX

A. immaculifrons,

EPOPTHELMIA

E. sp.

MANTISPA

M. sp.

Mantis like Neuroptera.

CHRYSOPE

C. sp.

PANORPA

P. sp.

MYRMELEONIDAE.PALPARES

P.pardus, R.

Big form with spotted wings.

Family - TERMITIDAEHODOTERMES

H. (Acanthotermes) koenigi, Holm. Extracted from tunnels in the ground.

H. viarum, Koenig Fletcher. Very common doing some damage to grass lawns.

CALOTERMES

C. (Neotermes) fletcheri, Holm.

ODONTOTERMES

O. bangalorensis, Holm.

O. wallonensis, Wasmann. Holm. In mounds, under railway sleepers and under logs.

O. (Cyclotermes) obesus, Ramb. Holm. Galleries on tree trunks.

O. féae, Wasmann. Holm. Running mud galleries up trunk of living trees.

MICROTERMES

M. anandi, Holm. Stockol. In logs of wood, under stone, under logs, eating wood buried underground, in tree stumps, etc.

M. globicola, Wasmann. Under log of wood lying on the ground.

EUTERMES

E. heimi, Wasmann. Coming out abundantly towards sunset, foraging little bits of dead grass, etc., and sometimes biting of green grass and carrying them into the nest.

EREMOTERMES

E. paradoxalis, Holm. Found to emerge from small holes on the ground after a shower of rain.

E. fletcheri, Holm. Found to issue from holes in the ground during sunshine.

DIPTERACECIDOMYIIDAEPACHYDIPLOSIS

P.oryzae, M.

The silver shoots gall fly of paddy.

ASPONDYLIA

A.sesami, F.
 A.pongamiae, F.
 A.ipomoeae, F.
 A.morindae, Mani.

Gingelly gall-fly.
 Pongam fruit gall-fly.
 From galls on wild Ipomoea creeper.
 Bred from Morinda fruits. CBE. 129/36. 12

DASYNEURA

D.gossypii, F.

Cotton bud gall-fly.

CONTARINIA

C.andropogonis, F.

Cholam gall-fly.

SCHIZOMYIA

S.maeruae, F.
 S. cheriani, Mani.

From galls on Moeruae.
 from Ipomea castrica flower galls.
 25/35 - 12.

ITONIDA

I.seminis, f
 I.paspulmi, Mani.

On cumbu ears.
 From galls on paspalm, 37/35-12.

LASIOPTERA

L.fluitans, F.
 L.falcata, F.
 L.eriochloa, F.

Reared on Panicum.
 Bitter gourd gall-fly.
 From ears of Eriochloa.

CAMPTOMYIA

C.ricini, F.
 C.hibisci, F.
 C.morindae, F.

On dry castor stem.
 From stems of Hibiscus.
 From stems of Morinda.

DYODIPLOSIS

D.fluvialis, F.
 D.andropogonis, F.

On cholam.

PSEUDHORMOMYIA

P.fluvialis, F.
 P.cornea, F.

Bred from Panicum.
 In grass galls.

RAGDIPLOSIS

Ragdiplosis orientalis, Felh. From galls on earheads of Panicum
 stagnifum. 40/35 - 12.

CECIDOMYIA

Cecidomyia eragrostisae, Mani - from galls on Eragrostis
 amabilis. 41/35. 12

NEOLASIOPTERA

Neolasioptera caphalendrae, Mani. from galls on Coccinia
 indica, 36/35. 12

MYCODIPLOSIS

Mycodiplosis indica, F. feeding on rust on Lucerne leaves.
 CBE. 128/36. - 12.

STICTODIPLOSI

Stictodiplosis moringae, Mani - in moringa flower buds.
CBF.131/36. Box.12.

T A B A N I D A EPANGONIA

P.(Gorizoneura) taprobanas, Wlk. The common stout hill gad fly
with long beak.

TABANUS

T.striatus, F. The commonest species in Coimbatore -
stout grey brown form with transparent
wings.

T.bicallosus, R. A smaller species.

T-hilaris, Wlk.

T.distaeniatus, Mcq.

T.leucocnematus, M. With a creamy whitish spot on
scutellum.

T.virgo, Wied.

T.crassus, Wlk. A stout dark species.

T.discrepans, R. A stout brown species.

T.bicinctus, R. Species with shining white marks.

T.speciosus, R. A stout form with grey banded
abdomen fairly common.

T.albemedius, Wlk.

T.tuberculatus, R. A small sp.

GASTROXIDES

G.ater, S. Dark form with banded wings and
with a red band at the base of
abdomen in the male.

CHRYSOPS

C.dispar, F. A brown species with banded wings;
very common.

C.pellucida, F. A dark sp. -do-

HAEMATOPOTA

H.javana, W. Dark brown fly with spotted wings.

H.roralis, F. A brownish form.

BIBIONIDAEPIECIA

P. fulvicollis, F.

TRYPETIDAE.

(Fruit flies)

CHAETODACUS

ruginus. var. dorsalis, F. On mango.

" var. versicolor, B. On mango.

cicus, W.

visa, Coq.

nata, S.

rrectus, B.

curbitae, C.

The common fruit fly on cucurbits.

LEPTOXYDA

ngistyla, Wied.

On calotropis.

DACUS

ngistylus, Wied.

BACTROCERA

versa, C.

DAENS

s candatus - in hill Thonda fruits. box. 58.

brevistylus boz - on Thonda fruits - 112/35 Box. 58.

brevistylus bez - var. " 111/35 box 58.

ferrugineus va. incisus walk. 114 & 115; 122 to 125/35. 56.

" " var. dorsalis, Hend. 118 & 119/35. 56.

ferrugineus F. in Gareinia fruits. Burbar. 251/36.

" F. var. in yoosebeary fruits - 287/36 - 61.

xxxx

x

GASTROZONA

trozona melanista, Bezz. var. bor. 56. 84/35.

aequarti, Hend - on cholam. CBE. 211/36.

THEMARA

aculipennis, Westw. S. Canara. 213/36.

RIOXA

p. not in B.M.

p. not in B.M.

on pepper leaf. Taliparamba. 214/36-54.

feeding on gum on moring a CBE 288/36-54.

STICTASPIS

trata, frogg. CBE - 210/36.

TEPHROSTOLA

crostacta, Wied.

CBE on turmeria. New to B.M. 215/36.

CAXPOMYIA

esuiviana, Cost in Zizyphus fruits Panyam and CBE - 209/36.

TIPULIDAE.PSELLIPHORA

a, OS

Common; large reddish with
banded wings.

ERIOCETA

ra rufiventris, Brun.

Wynaad No.10 - box 7.

STRATIOMYIIDAE.PROSOPOCHRYSA

nitripennis, Dol.

A small house-fly like species.

PLECTIENS

ingulatus, W.

A banded large fly attracted to
Clove oil.SARGUS

uridus, Wlk.

A large banded wasp like fly.

ODONTOMYIA

ubrithorax, Mcq.

A small green and dark fly.

orso angulata, B

A large form.

iridana, Wied.

With banded abdomen.

solennis, Wlk.

CLITELLARIA

eminopla, W.

common; looks like a bee.

ADOXOMYIA

eminopla, Wied.

decaying prickly pear. 321/36 p.16.

DROSOPHILIDAE.EUDROSPILA

erspicax, K.

♂ A mealy bug
 ♂ and
 ♂ a shoot bug-
 ♂ perhaps same.

GITONIDES

erspicax, K..

Pred on mealy bugs on
 sugarcane. CBE. 237/36.

DROSOPHILA

iarmipes, M.

Larva on nim fruit.

elanogaster, Mg-

in Mango. Kallar. 216/36.

CHLOROPIDAE.LEUCOPIS*.luteicornis*, Malloch.

Feeding on mealy bug.

ALECTOXENUS*.indica*, M.

on castor mealy wing.

SIPHUNCULINA*.funicola*, Dem.

The eye-fly.

FORMOSINA*.indica*, M.

On mango flowers.

LOGAROCERUS*.tenuicornis*, R.in shoots of Chloris.OSCINIDAEAPROMETOPIS*.minima*, L.

smallbrown fly from cholam stubble.

METAPOSTIGIA*.santeri*, B.

from cotton.

MELANOCHOETA*.flavofrontata*, B.

from cholam ears.

DESMOMETOPA*.palpalis*, M.

from rotting pumpkins.

MUSCIDA E.CHRY SOMYZA

aenea, Fb.

in farm yard manure.

PHILOEMATOMYIA

insignis, A.

Common cattle pest.

PARALIMNA

hirticornis, Mej.

RHYNCHROMYIA

.divisa, W.

A fly with shining greenish thorax.

BENGALIA.bezzi, S.
.xanthopyga, S.
.jejuma, F.
.lateralis, M.

Stout big bristly fly.

ORTHELLIA

.lanata, W.

The big blue bottle fly found in latrines.

PSEUDOPYRELLIA

P.proemma, W.

A velvety blue fly visiting night soil.

P.lanta, W.

A very shining blue fly.

OCHROMYIA

O.lateralis, M.

A stout grey brown fly.

LUCILIA

L.serenissima, F.

A greenish blue fly found on rotting animal matter.

L.pulchra, W.

A common form.

STOMOXYS

S.calcitrans, L.

The stable fly; a very common biting fly in cattle sheds.

PYRELLIA

P.diffidens, W.

A common purple blue fly.

LYPEROSIA

L.exigua, M.

A small species very common on the hills.

M U S C I D A E (CONTD)MUSCA

- M. nebulosa*, F. The common house fly of ,
Coimbatore.
- M. bezzii*, P. Larger species with pale white
abdomen.
- M. conducens*, Wlk. Common on hills.
- M. indica*, P.
- M. vicina*, M.
- M. ventrosa*, W.
- M. spinohumera*, A.
- M. crassistris*, St.

ANTHOMYIIDAE.ATHERIGONA

structor, M.	Maggots in grass shoots.
nudiseta, M.	-do-
ndica, M.	Maggots in cholam shoots.
allidipes, M.	" in beetle cocoons.
tripalpis, M.	" in millets.
ryzae, M.	" in Paddy.
riochloea, M.	" in cumbu grasses.
ituberculata, M.	" in Varagu.
pproximata, M.	" in cumbu.
iliacea, M.	" in cholam.
p. not in B.M.	from tomato fruits. 217/36.
xcisa, Thonep.	from solanum aniculatum fruits. 285/36 - Box - 7.

CONOPIDAE.CONOPS

erythrocephalus, F.

Big dark fly.

annulosus, F.

PHYSOCEPHALA

diffusa, Br.

Mimicking a small vespid.

bicolor, Br.

B O M B Y L I D A E.SYSTOECHUS

S.socius, W.

Predatory on eggs of grass²-hoppers
with yellowish pubescence.

S.nivalis, Br.

~~EXON EXON~~EXOP

E.niveiventris, Br.

A dark brown hairy fly.

ARGYRAMOEBA

A.bipunctata, Fb.

A stout dark form with two shining
silvery spots on the base of the
abdomen.

A.gestroi, Br.

A.distigma, Wied.

A.duvaucelii, Macq.

A smaller form with spotted wings.

EXOPROSOPA

E.lar, F.

Big dark species with partly
hyaline wings.

E.annandali, Br.

A smaller form.

HYPEROTONIA

A.sphinx, F.

Body with golden pubescence.

APHOEBANTUS

A.ceylonicus, Br.

Attacking blister beetle grubs.

BOMBYLIUS

B.orientalis, Macq.

Silvery fly with yellow
pubescence in the abdomen.

B.propinquus, Br.

GERON

G.albescens, Br.

TOXOPHORA

T.javana, Wied.

A dark fly with yellow lines and
margins.

ANTHRAX

A.afra, F.

DOLICHOPIDAE.PSILOPUS

P.sp.

A very small green fly.

CHRYSOSOMA

C.sciopus, W.

C.leucopogon, W.

C.vittatum, W.

Bluish green species.

With banded wings.

S Y R P H I D A E.PARAGUS

serratus, F.

Predatory on root aphid of ragi.

SPHACROPHORIA

scutellata, F.

Common gold banded species
predatory on aphid spp.

balteatus, deG.

ASARKINA

aegrotus, F.

SYRITTA.

rufifacies, Big.

indica, Wied.

BACCHA

sappharina, W.

A dark slender fly mimicking a
Sphegid wasp.DOLICHOMERUS

crassus, F.

A dark stout Syrphid with red
hind femora.MEGASPIS

argyrocephala, Macq.

A stout brown adult of the rat-
tailed maggot.ERISTALIS

arvorum, F.

Adult of the common rat-tailed
maggot; thorax with yellow stripes.EUMERUS.

merus albifrons, walk.

on rotting ginger S.canara. box. 43.

SYRPHUS

balteatus, de g.

from Marudamalai hills. 324/36.
box. 44.

ASILIDAE.HELYMONETURA

trisignata, R.

PROMACHUS

yerburiensis, R.

A large sized long fly predatory on bees, etc; fairly common.

mocolatus, F.

capturing vespids - 63/35.

duvancelli (Macquart)

--

76/35.

leteropectus (Macquart)

--

77/35.

OMMALIUS

malus tenellus, van derwep. Ellore - 64/35.

chinensis, F.

Coimbatore - 66/35.

ALLOCOTOSIA

locotosia aurata (Fab)

Coimbatore - 68/35.

SYNOLCHUS

olchus iamemus, Wal.

78/35.

C E L Y P H I D A E.C E L Y P H U S

C. obsectus, Dalm.

A ~~xx~~ small lady bird like fly.

DIOPSIDAE.TELEOPSIS

T.sykesi, Westw.

Eyes on long stalks.

SPHYRACEPHALA

S.hearseyana, Westw.

A smaller form with stalked eye.

SCIOMYZIDAE.SEPEDON

S. ferrugenosus, Wied.

CULICIDAE.CULEX

- C.microannulatus,
 C.concolor, RD. Fairly common.
 C.fatigans, Wied. Very common.
 C.bitaeiorhynchus, Giles.

BANKSINELLA

- B.luteolateralis, Theo.

MUCIDUS

- M.scatophagoides, Th.

CUCLIOMYIA

- C.pallidithorax, Theo.
 C.viridiventis,

LOPHOCERATOMYIA

- L.taenicata, L.
 L.minutissima, Theo.

STEGOMYIA

- S.fasciata,

OCHLEROTATUS

- O.jamesi, Ed.
 O.stenoetrus, Th.

ARMIGERES

- A.obturbans, Wlk.

TOXORHYNCHITES

- T.immisericors, W.

MANSONIA

- M.uniformis,

ANOPHELES

- A.barbirostris, V. Rare.
 A.fuliginosus, G. Rare.
 A.rossii, G. Very common.
 A.culicifacies, G. Rare.

PSYCHODIDAE.PSYCHODA

P.sp.

SEPSIDAE.SEPSIDA

S.sp.

AGROMYZIDAE.AGROMYZA

obtusata, Mall.

Redgram pod fly.

F. MILICHIIDAE.Roc. $\frac{983}{18-1-36}$ DESMOMETOPA

calpalis, M.

A very small dark brown species.

nigrum - Zett.

Pest on brinjal borer. box.47.

LENCOPIS

nigricornis, Egg.

pred. on Aphides on castor. CBE.
239/36.

laticornis, Mall.

pred. on coccids on Anona fruits.
328/36. box -47.MELANAGROMYZA

sp.

329/36 - from galls on Dalbergia
leaves.EPHYDRIDAENOTIPHILACANTHA

dorsopunctata, Wied.

at the roots of paddy. CBE C.F.358/36.
- 48.

TACHINIDAE.CYPHOCERA

varia, F. Parasite on army worm.

WINTHEMIA

albiceps, M. On fruit moth (Ophideres) larva.

STURMIA

bimaculata. Par. on paddy army worm, etc.

atropivora, RD. Par. on a Sphingid.

inconspicua, Bar. On Hyblea - box 86. on cereals - 86.

TACHINA

fallax, M. Par. on army worm of paddy.

SHIXAPATA

albifrons, R. On caterpillars in wasps' nests.

TRICHOLYGA

sorbimans, W.

sorbillans, Wied. On Perina ruda and odonesta divisa.

EUTACHINA

xanthaspis, Wied. On caterpillars in soil.

civiloides, Bar. On cirphis caterpillars.

PACHYOPHTHALMUS

signatus, M. On caterpillars in wasps' nests.

HALIDAYA

halidaya luteicornis, Walk. On Parnara on paddy - box. 86.

PHOROCERA

phorocera magna, Bar. On Thosea sp. on Tea - box 86.

ACTIA

actia monticola, Mall. On Prodenia caterpillar on ground-nut. Laphygma on ragi; spodotera, box 86. Cosmophila, on syrphid.

EXORISTA

Exorista quadrimaculata, Bar. On Psychid on Plantain - 86.

CARCELIA

Carcelia modicella, Welp. On Dasychina securis. 86.

C. buitenzorgensis, Bar. On Pericallia.

PODOMYIA

Podomyia sctosa, Dol. On Prodenia on castor and agathi larva - 86.

TACHINIDAE (CONTD)STURMIA

Inconspicuoidea, Bar.
93, 94/36.

Par on Acherontia styre,
Crociodolomia, Spodoptera,
Lasiocompidid, Amsoeta. 86.

atropivora, R.D.

On Acherontia styre and Amsoeta.

macrophallus, Bar.

On Cosmophila, Pollachi - 86.

parachrysops, Bezz.

Emblema sp. in illango flowers.
Lucinodes on brinjal - 86.

EUCARCELIA

roekiana, Town.

of chloridea in red gram,
Ama and

C H I R O N O M I D A E.CULICOIDES

C. keifferi, P.

Small gnat.

M I C R O P E Z I D A E.CALOBATA

.albimana, M.

The narrow and long legged fly;
commonly found in turmeric fields.

.contracta, Wlk.

A smaller species.

C H R Y S O M Y Z I D A E.CHRYSOMYIA

.megacephala, F.

The common stout blue bottle fly.

.albiceps, W.

A smaller species.

.aenea, F.

A small shining bluish green fly;
common on rotting vegetation.

C R T A L I D A E.TEPHROSTOLA

.acrostacta, W.

Dark brown species with spotted wings;
fairly common.

CHRYSONOMYZA

.aenea, F. - 281/36.

breeding in cattle manure - see p.

POMCILTOTRAPHERA

.comperce, Coq. 322/36.

on cholan leaf. CBE.

LONCHAEIDAE

lonchaea sp.

from solanum auriculatum fruits box 64.

S A R C O P H A G I D A E.

(CALLIPHORIDAE)

SARCOPHAGA

.ruficornis, F.

.dux, T.

From dead squirrel.

.fuscicanda, B.

.orchidea, B.

.orientaloides, S.W.

.crinita, S.W.

Par on cirphis. presumably bred
out of dead caterpillars.CAIUSA

.testacea, s.w. New to B.M.

in frog egg mats.

H I P P O B O S C I D A E.HIPPOBOSCA

H. maculata, L.

The common yellow spotted
cattle fly. 323/36.

H. capensis, O.

A smaller form.

LYNCHIA

L. maure, B.

Small form with long wings; found
on cattle.

C E S T R I D A EC E S T R U S

C.ovois.

The sheep bot fly.

THYSANOPTERA.ERYTHROTHRIPS.asiaticus, Ram. & Mar.

in grass sweepings.

LIMOTHRIPS.cerealeum, Haliday.in leaves of Mimusops elengi
(with Arrhenothrips ramakrishnae)HYDATOTHRIPS.ramaswamiahi, Karny.On indigo leaves, also on
shoots of sword beans and
grasses.SCIRTOTHRIPS.dorsalis, Hood.The chillies thrips - a
serious pest in different parts
of S.India.RHIPHOPHOROTHRIPS.cruentatus, Hood.Grape thrips - damaging tender
foliage of grape-vine, found
also on rose leaves..karna, Ramakrishna.On grape-vine and Eugenia
jambolana.MYMAROTHRIPS.garuda, Ram. & Mar.

Grape-vine leaf.

CHIROTHRIPS.manicatus, Haliday.

Grass sweepings and tobacco.

RETICULOTHRIPS.peringueyi, Faure.

in grass sweepings.

AYYARIA.chatophora, Karny.

On garden croton.

OXYTHRIPS.hemavarna, Ram.& Mar.

On mango leaves.

TRYPHACTOTHRIPS.rutherfordi, Bagnall.

HELIOTHRIPS

- H. hoemorrhoidalis*, Bouche. On nim shoots and garden crotons.
H. indicus, Bagnall. On groundnut all over S. India.
H. kadaliphila, Ramakrishna. On banana leaves.

SCOLOTHRIPS

- S. asura*, Ramakrishna. Banana leaves.
S. sexmaculatus, Pergande. A predatory species feeding on mites on cholam, etc.

FRANKLINIELLA

- F. sulphurea*, Schmutz. On cotton, groundnut, etc.

TAENIOTHRIPS

- T. distalis*, Karny. On lab-lab- a common species.
T. jonnaphila, Ramakrishna. On sorghum and sugarcane.
T. (Physothrips) minor, Bagnall. In shoots of Ipomoea staphylina.

ISONEUROTHRIPS

- I. orientalis*, Bagnall. Flowers of Morinda tinctoria and of Jasmine.

THRIPS

- T. florum*, Schmutz. Inside Thevelia, Divi-divi and various garden flowers.
T. oryzae, Williams. Young paddy plants- all over S. India.
T. palmi, Karny. Lab-lab flowers.
T. pandu, Ramakrishna. Flowers of citrus plants.
T. parvus, Schmutz. Flowers of Caesalpinia pulcherrima.
T. tabaci, Lind. Onion thrips- found on onions and garlic- all over the world.

STYLOTHRIPS

- S. brevipalpis*, Karny. Chrysanthemum flowers.

RAMASWAMIAHIELLA

- R. (Thrips) subnudula*, Ky. Calotropis, pomegranate, Caesalpinia and mango flowers.

MYCTEROTHRIPS

- M. setiprivus*, Karny. Acacia suma shoots.

ligochaetus, Karny.

ramakrishnai, Karny

uthrips) citricinatus,
Bagnall.

parviceps, Hood.

indicus, Bagnall.

ramakrishnae, Hood.

ordinarius, Hood.

kiriti, Ramakrishna.

ochripes, Karny.

indica, Hood.

apicalis, Bagnall.

ceylonicus, Karny.

ganglbaweri, Schmutz.

inquilinus, Priesner.

ramakrishnai, Karny.

soror, Schmutz.

crassus, Ram. & Mar.

kabandha, Ramakrishna.

perandaphaga, Ramakrishna.

ANAPHOTHRIPS

Cotton, pomegranate and Caesalpinia flowers.

Cumbu flowers.

Cholam shoots.

PERRISSOTHRIPS

Ailanthus excelsa and Acacia suma shoots.

PANCHOETOTHRIPS

Turmeric leaves and Haemilia.

ARRHENOTHRIPS

In leaves of mimusops elengi causing galls.

EURHYNCHOTHRIPS

Agathi flowers (Sesbania grandiflora)

LIOTHRIPS

Mango leaf.

DOLICHOTHRIPS

Cassia auriculata flowers.

NEOHEGGERIA

Ailanthus excelsa and Persian nim shoots.

HINDSIANA

on grass.

HAPLOTHRIPS

Lantana, jasmine and mango flowers.

On a wild plant.

On Mimusops elengi.

On Chrysanthemum flowers.

Lantana and other flowers.

EURYAPLOTHRIPS

Amaranthus flower heads.

GNOPHOTHRIPS

Under bark of rain tree (Pithecolobium saman)

BRACHYTHRIPS

On Vitis quadrangularis.

EOTHRIPS

- .coimbatorensis, Ramakrishna. On a wild plant.
 .aswamukha, Ramakrishna. On Vitis quadrangularis.
 .jambuvasi, Ramakrishna. On Eugenia leaf galls.

ANDROTHRIPS

- .flavipes, Schmutz. On Mimusops elengi.

GYNAIKOTHRIPS

- .moultoni, Ramakrishna. On a wild shrub, Marudamalai.
 .Uzeli, Zimmerman. On a wild shrub, Marudamalai.

RAMAKRISHNAIELIA

- .nirmalapaksha, Ramakrishna. On Eugenia, Marudamalai.

MALLOTHRIPS

- .indica, Ramakrishna. On Eugenia jambolana leaf galls.

GIGANTOTHRIPS

- .elegans, Zimmerman. On Ficus leaves.

A P T E R A.(THYSANURA)LEPISMA

- .domestica. the common fish insect of houses.

C O L L E M B O L A.XENYLEA

- .humicola, F. Coi.

ISOTOMA

- .minos, D. Coimbatore.

"இன்தும் குதாடும்"

